

WASEEM RAJA SHAIK

Senior Full Stack Developer | End-to-End Systems Builder | Cloud-Native Solution Architect

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Professional Summary

Versatile and delivery-focused engineer with **9+ years of hands-on experience** across the full technology stack—frontend, backend, cloud, and data. Skilled in building high-performance web platforms using **React, Next.js, .NET, Flask, and PostgreSQL**, while maintaining cloud-native microservices on **Azure** and **AWS**. Strong background in 3D rendering (Babylon.js), data visualization (Power BI), and clean coding practices. Proven ability to lead cross-functional teams, modernize legacy applications, and introduce scalable DevOps workflows. Equally passionate about product usability and backend robustness, ensuring reliable and maintainable software from concept to deployment.

Skills

Frontend:

HTML5, CSS3, SASS, SCSS, LESS, Bootstrap, Tailwind CSS, Material UI, Styled-Components, JavaScript (ES6+), TypeScript, PHP, Laravel, React.js, React Native, Angular, Next.js, React Router, React Hooks, React Hook Form, Formik, Axios, Fetch, Redux, Flux, ag-Grid, NgRx, RxJS, Tanstack React Query, Zustand, Apollo GraphQL, Gulp, Grunt, Webpack, Storybook.js, Three.js, Babylon.js, PowerBI, Figma, Sketch, Responsive Web Design (WCAG guidelines)

Backend & API Development:

Node.js, Express.js, NestJS, Python, Flask, Django, Java, Spring Boot, RESTful APIs, GraphQL APIs, WebSockets, OAuth, JWT, Keycloak, gRPC, OpenAPI, TensorFlow, PyTorch, NumPy, Pandas, Scikit-learn

Database & Caching:

PostgreSQL (SQL), MySQL, MongoDB (NoSQL), Mongoose, Prisma, Redis, Memcached, Database Normalization, ACID Transactions, Indexing & Query Optimization, Structured and Unstructured Data Processing, Big Data, Google BigQuery, CloudFormation

Cloud & DevOps:

Reverse Proxy, Nginx, Docker, AWS Services, EC2, S3, RDS, DynamoDB, Lambda, API Gateway, Simple Queue Service, Step Functions, Microsoft Azure, Google Cloud Platform (GCP), Firebase, Supabase, Netlify, Terraform, GitHub Actions, Jenkins, GitLab CI/CD (Continuous Integration / Continuous Deployment), Bamboo, Infrastructure as Code, Serverless Architecture, API Rate Limiting, IAM, SSL, TLS

Package Managers: Pnpm, Npm, Yarn, Deno, Pip

Software Engineering & Architecture:

Software Development Lifecycle (SDLC), SOLID principles, Factory Design Pattern, Singleton Design Pattern, Observer Design Pattern, Repository Design Pattern, Monolithic Architecture, Microservices Architecture, CQRS, Domain-Driven Design, Event-Driven Architecture, Functional Programming, OOP.

Testing & Automation:

Jest, Cypress, Playwright, React Testing Library, Test Driven Development, Prometheus, Grafana, ELK Stack, End to End Testing

Project Management & Agile: Scrum, Kanban, Sprint Planning, JIRA, Trello, Git Workflows, Twilio, Code Reviews

Experience

The F* Word

Senior Software Engineer

03/2024 - 04/2025

Tech Stack: Next.js, React, Tailwind CSS, Express.js, Go, Flask, MongoDB, Azure Services, Babylon.js, Blender API, Jest, Playwright, WordPress.

- Led end-to-end development while collaborating with a team of 8 engineers to deliver a high-performance 3D web platform, working hands-on across the stack with **Next.js (SSR/SSG), React, TypeScript, Go, Express.js, Flask, Babylon.js, and Blender API—reducing load times by 30% and increasing user engagement by 40%**.
- Architected and implemented advanced JavaScript and TypeScript solutions to improve application and 3D model rendering speed—achieving a **37% performance boost** based on Google Lighthouse audits. Reduced bug rate by **40%** by enforcing code quality with **linting, Prettier checks**, and automated **test coverage (80%)** during Git workflows, while establishing platform-wide coding standards.
- **Built a backend Publish/Subscribe system** using **Kafka** for event handling and **Moesif** for tracking APIs, A/B testing, and managing subscriptions with **Stripe**. Used an **API Gateway** to monitor and route all traffic.
- **Developed the frontend integration** using **React Query** for API calls, **Zustand** for local state, and **Flags SDK** to control feature rollouts without redeploying the app.
- Led backend development using **Express.js** to support **NFT management, minting, and secure transfers**, integrated with **Solidity smart contracts** on the **Polygon blockchain**. Improved reliability by implementing validation and retry mechanisms, reducing minting and transfer failures by **~60%**, resulting in a smoother and more trustworthy user experience.
- Boosted team productivity by **70%** by establishing **reusable frontend patterns with Storybook** and enforcing clean code practices across **React + TypeScript**.
- Mentored junior and senior developers through regular code reviews, knowledge sharing, and pair programming sessions. Focused on applying **design patterns, SOLID principles, and clean architecture** while promoting best practices in testing using **Jest** and **Playwright**. Helped foster a collaborative, growth-oriented team culture aligned with agile workflows.

Experience

Buxton Consulting India Pvt. Ltd

Senior Software Developer (Consultant at Deloitte)

03/2021 - 07/2023

Tech Stack: React, Redux, TypeScript, Angular, AngularJS, .NET, Python (Flask, Pandas, NumPy), PostgreSQL, Docker, Azure (Functions, DevOps, Key Vault), AWS (S3, EKS, RDS, MWAA), Power BI, React Testing Library.

- Migrated legacy applications from **AngularJS to Angular** for internal teams (manufacturing, marketing, sales), and from **AngularJS to React** for client-facing interfaces—improving speed, usability, and code maintainability.
- **Maintained and enhanced backend microservices** using **.NET** and **Python (Flask)**, optimizing APIs and improving **PostgreSQL database performance** by **30%** through query optimization and Docker-based deployments on **Azure** and **AWS**.
- **Cleaned and transformed raw datasets** using **Python libraries** like **Pandas, NumPy, and OpenPyXL** to prepare business and operational data for reporting; built and maintained **Power BI dashboards** to support data-driven decisions across multiple departments.
- **Configured and managed CI/CD pipelines** using **Azure DevOps** to deploy and monitor microservices reliably, reducing manual intervention and downtime by **40%**.
- **Mentored a team of 7 developers** during a **\$2M modernization project**, guiding frontend and backend upgrades using **React, TypeScript, .NET**, and clean code standards to align with business goals and timelines.

Hedgehog lab

Senior Developer

03/2018 - 03/2021

Tech Stack: React, Redux-Saga, React Hooks, Angular, Django, Node.js, GitLab CI/CD, Docker, GitLab Pipelines, Storybook, JavaScript, HTML5, CSS3, SASS, GitLab CI/CD

- **Built high-performance customer-facing applications** for e-commerce, financial, healthcare, and marketing domains using **React, Redux-Saga**, and **Angular**; created reusable UI components with **Storybook** to speed up development and maintain consistency.
- **Developed RESTful APIs** using **Django** and **Node.js**, integrating third-party services like **Stripe, RazorPay, DocuSign, Zoho**, and **Google Maps** to automate business workflows and improve user interactions—ensuring compliance with regulations such as **HIPAA, PCI DSS**, and **GDPR**.
- **Containerized applications** using **Docker** and managed deployments for **React, Node.js**, and **Django** apps across DEV/UAT/PROD environments through **GitLab CI/CD pipelines**, significantly reducing manual work.
- **Managed AWS infrastructure** (EC2, S3, Route 53, RDS), deploying scalable applications with optimized configs using **Nginx** and **Gunicorn** for better performance and cost efficiency.
- **Led technical improvements across teams** by championing **best practices, mentoring junior developers**, and proactively introducing new tools and workflows. Demonstrated strong **self-learning initiative**, staying ahead of tech trends to boost **code quality, team productivity, and system reliability**.

Devathon

Software Development Engineer

03/2017 - 03/2018

- Developed a chatbot-ready Web Messenger SDK using TensorFlow, Dialogflow, and Firebase, enabling seamless chatbot deployment, and reduced frontend bundle size by 3 MB with Ahead-of-Time (AOT) compilation, improving Google Lighthouse performance scores by 75%.

Freelance

Full Stack Developer

07/2016 - 03/2017

- Wireframes, Built and deployed E-commerce platforms using Ruby on Rails, AngularJS, and PostgreSQL for startups

Infosys

Test Engineer

08/2015 - 07/2016

- Automated Unit testing of Microsoft applications using Python, Selenium, and WCAG accessibility testing tools

Education

Post Graduate Certificate, Ontario

Canada

Reporting System and Database Development

01/2024 - 12/2024

Post Graduate Certificate, Ontario

Canada

Applied Artificial Intelligence & Machine Learning

01/2024 - 12/2024

Sri Venkateswara University, Tirupati

India

Bachelor of Technology in Computer Science and Engineering

08/2011 - 12/2015

Achievements & Certifications

Microsoft Azure Fundamentals (AZ-900) Certified

Certified in Web 2.0 and Social Media Domains

Awarded "Hyper Helper" by Hedgehog Lab (2019–2022)

Ranked 3,008th out of 350,000 candidates in the EAMCET State-Level Engineering Entrance Exam

First Prize Winner in Technical Hackathon organized by the Association of Computer Engineers at college.