

# Arsalan Shaikh

## Full Stack Engineer | AI Assisted Dev

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### PROFILE:

- AI-First Full Stack Developer with 3 years of hands-on software development experience and 1.8 years of prior experience in structural design.
- Proficient in building scalable, production-grade applications using the MERN stack (MongoDB, Express.js, React, Node.js) and Django (Python).
- Strong expertise in modern frontend development with React and Material UI, delivering responsive and intuitive user interfaces.
- Experienced in backend development with RESTful API design, microservices architecture, and monolithic architecture.
- Proficient in AI assisted development using tools like Claude code and OpenAI codex for rapid prototyping, debugging, and accelerated feature delivery.
- Skilled in end-to-end product development from requirement gathering and system design through deployment and maintenance.

### TECHNOLOGY ARRAY:

#### Frontend

- React.js, React Hooks
- Redux
- JavaScript, TypeScript
- ES6+
- HTML5, CSS3
- SASS, SCSS, Styled Components (CSS in JS)
- Next.js
- Bootstrap
- Material UI, Chakra UI

#### Backend

- Node.js, Express.js
- RESTful APIs
- Microservices Architecture
- Django, Python

#### AI Dev

- Claude Code, GitHub Copilot, OpenAI API
- Prompt Engineering
- AI Assisted Development, AI Agent Management

#### Database & Data Visualization

- MongoDB, Mongoose
- SQL, SQLite
- Plotly.js, Chart.js

#### DevOps & Testing

- AWS (S3)
- Docker
- Git, GitHub
- Jest, React Testing Library

### EDUCATION:

#### Full Stack Development Program

Masai School (2022 - 2023)

#### Master of Engineering (M.E.)

Savitribai Phule University, Pune (2017 - 2019)

#### MBachelor of Engineering (B.E.)

North Maharashtra University, Jalgaon (2013 - 2016)

### CERTIFICATIONS:

Anthropic Claude Code | Full Stack Web Development | Figma for Developer | Django (Python) Web Framework

### PROFESSIONAL EXPERIENCE:

#### ● FULL STACK DEVELOPER

##### BayOne Solutions (Remote) | May 2023 - Present

- Developed and maintained scalable MERN applications with focus on performance and clean architecture.
- Built admin dashboard with ticket management, user analytics, and interactive Plotly.js data visualizations for actionable business insights.
- Developed TechScore.ai platform modules with multi-tenant architecture supporting multiple organizations on a single deployment.
- Built AI-powered voice interview agent using OpenAI's real-time API with scoring and backend analytics.
- Implemented candidate assessment dashboards, secure authentication, and role-based access control for admin, recruiter, and candidate users.
- Created documentation website using Docusaurus, improving knowledge sharing and onboarding efficiency.
- Collaborated cross-functionally to integrate RESTful APIs, improving feature delivery and frontend-backend communication.

#### ● FULL STACK DEVELOPER (BOOTCAMP)

##### Masai School | Apr 2022 - Apr 2023

- Completed 2,160+ hour intensive program with hands-on real-world software development.
- Built and deployed multiple end-to-end web applications applying agile methodologies and best practices

#### ● DESIGN ENGINEER

##### BECIS (Berkeley Energy), Pune | Jun 2020 - Oct 2021

- Designed rooftop and ground-mounted solar structures per Indian standards; optimized under wind and seismic loads.

#### ● DESIGN ENGINEER

##### SunShot Technologies, Pune | Dec 2019 - May 2020

- Structural analysis and design for solar/industrial projects; produced precise construction drawings.

### OPEN SOURCE PROJECTS:

#### ResumePilot (GitHub | Live)

AI-powered resume analysis app built with React and TypeScript, featuring ATS compatibility scoring and job description matching via OpenRouter API with Clerk authentication.

#### AI Round table (GitHub | Live)

Real-time multi-model AI chat app built with Next.js and TypeScript, featuring SSE streaming, live typing indicators, and concurrent interactions across GPT-4o, Claude, Gemini, and DeepSeek.

#### Blueprint AI (GitHub | Live)

AI-powered product planning and design platform with guided workflows, multi-model AI assistance for generating context-aware data models, persistent workspaces with auto-save, and exportable handoff packages ready for AI coding agents.

#### Auto-react-theme (npm package | GitHub | Live)

Open-source React package published on npm that auto-switches light/dark themes based on local time with manual override, SSR compatibility, and zero-polling architecture.

#### Crypto Price Tracker Browser Extension (GitHub | Live)

Chrome extension for real-time cryptocurrency monitoring with interactive historical charts, portfolio tracking, price alert notifications, and offline data caching via CoinGecko API. Built with TypeScript, and Tailwind CSS, featuring multi-currency support, rate-limit handling, and dark/light mode toggle.