

AJAY PRATAP SINGH

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SUMMARY

4+ years of experience in Full Stack Development, proficient in the Typescript/JavaScript tech stacks. Passionate coder, efficient problem solver, constantly learning and growing.

SKILLS

Proficient In: JavaScript Frameworks (React.js, Next JS, NodeJS, Express.js), TypeScript, SQL Database (Postgres), NoSQL (MongoDB), Supabase, Firebase, Unit Testing and E2E Testing (Cypress, Jest, RTL, Enzyme), HTML5, CSS3, REST API, Git, Data Structures, Communication

Familiar With: Java, Python, MySQL, Docker, Kubernetes, GraphQL, Azure & AWS Cloud, CI/CD pipelines, Infrastructure As Code, Confluence, RabbitMQ, Web Services, Redux

EXPERIENCE

HCODE Technologies

May 2023 - present

Senior Software Engineer

Karnal, India

- Initiated project development from scratch and contributed as the team lead within a team of 7 members.
- Followed Agile methodology, worked in iterative sprints, and hosted various Agile ceremonies.
- Developed REST APIs using Node.js, along with Prisma - PostgreSQL, Mongoose - MongoDB, and Express.js.
- Developed front-end in Next.js and React.js, utilizing advanced features like lazy loading for efficient resource loading, caching for enhanced performance, and server-side rendering (SSR).
- Wrote unit test cases and end-to-end (e2e) test cases using Cypress and React Testing Library.
- Utilized various project management and collaboration tools such as Jira, Slack, Github/Gitlab, Notion.
- Contributed to CI/CD pipelines, using tools such as GitLab CI and GitHub Actions.
- Integrated various third-party APIs such as Stripe's payment API, Google's Maps and Places API, Twitter's APIs.

Tata Consultancy Services (Client: Microsoft)

October 2020 - April 2023

Systems Engineer (Digital Cadre)

Pune, India

- Contributed to the development of Microsoft's Internal Asset Management & Collaboration Portal (team size:14)
- Used React.js, React Testing Library, ASP.NET Core, CosmosDB, and SQL Server for developing the project and Azure Cloud, Azure DevOps for deployment and management of the project.
- Worked on the TCS-Microsoft Internal Talent Sourcing Portal as part of a team of six members.
- Developed, deployed, and maintained an AI chatbot trained on existing data, decreasing support ticket volume by 27% and aiding Microsoft Data Center personnel in troubleshooting basic issues.
- Developed an automation tool for managing access requests to Microsoft's data centers, reducing manual efforts by 76% and shrinking the team size from 13 members to 4 members.

PERSONAL PROJECTS

Desi Cooks (desi-cooks.web.app): End-to-end food ordering and management software.

- Developed user and admin web-apps on React, Redux for end-to-end food ordering and management.
- Implemented backend functionalities using Supabase which is built upon PostgreSQL.
- Integrated Google Maps API and Cloud Functions to enable location-based services and real-time updates.
- Utilized Razorpay for seamless and secure payment gateway integration.
- Ensured responsiveness, addressed latency challenges in serverless architecture to optimize system performance.

Bol-Khulke: Celebrating feedback through anonymous messaging

- Built upon Next.js at frontend and Supabase on backend.
- Implements a basic web-platform which allows users to send anonymous messages to registered users.

ACHIEVEMENTS

- Received client appreciations for dedication to work ethics and impactful enhancements.
- Reduced manual effort of a team by 76% and received appreciation for successfully developing and implementing an automation tool. Showcasing exceptional problem-solving skills and out of the box thinking. (2022)
- Codevita International Rank: 211. Season 10, witnessed 3,05,000+ registrations from 87 countries. (2020)

EDUCATION

B.Tech. (Computer Science Engineering), DCRUST, Murthal

2016 - 2020