

PALAK BATRA

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Summary

Full-stack developer with 3+ years of experience building scalable cloud-native applications. Reduced API latency by 50% and deployment time by 90% at Fidelity. AWS Certified Cloud Practitioner passionate about optimizing performance and automating workflows.

Technologies

Frontend: React.js, Next.js, TypeScript, Redux, HTML/CSS, TailwindCSS, Jest

Backend: Node.js, Express.js, MongoDB, DynamoDB, SQL, AWS Lambda, ECS

DevOps & Tools: Terraform, Jenkins, CI/CD, AWS, Git, Postman, Unix

Concepts: REST APIs, Microservices, MicroFrontends, Agile, Cloud Computing

Experience

Software Engineer-2 || Fidelity International Jan 2024 – Present

- Developed microservices using AWS Lambda and Node.js, reducing API latency by 50%.
- Built scalable RESTful APIs with DynamoDB and S3, reducing response times by 30% using caching strategies.
- Optimized UI performance using React.js and Webpack, cutting page load time by 30% and boosting engagement by 20%.
- Designed CSV/TXT export functionality for 5K+ users and improved error handling, reducing issues by 50%.
- Achieved 100% unit test coverage for both frontend (React.js) and backend (Node.js) using Jest, reducing production bugs by 40% and improving code reliability.

Software Engineer-1 || Fidelity International Oct 2022 – Dec 2023

- Redesigned UI features for Fidelity's EI product using React.js, improving user engagement by 25%.
- Implemented automated CI/CD pipelines using Jenkins and Terraform, reducing deployment time by 60%.
- Led migration of 40 applications using multithreaded python script, reducing deployment time from 1.5 hours to 15 minutes and saving 200+ engineering hours/month.

Graduate Programmer || Fidelity International Dec 2021 – Sep 2022

- Designed and maintained interactive data visualization dashboards using Django, improving UX by 30% and enhancing data accessibility.

Projects

Ease Expense || MongoDB, Express, Reactjs, Nodejs, API Integration [↗](#)

- Built a full-stack app with JWT authentication with a responsive UI and secure authentication.
- Optimized API performance, ensuring seamless transactions with MongoDB.
- Deployed the app on **Vercel and Render**, ensuring scalability and availability.

Certifications & Achievements

- **Winner – GC BuildIt Hackathon 2025** – Led frontend for a React-based SaaS app that automated board paper workflows, replacing a 10-FTE manual process. Outperformed 80+ teams.
- AWS Certified Cloud Practitioner [↗](#)
- **On-Spot Award:** Automated trade reconciliation for 10K+ transactions/day, reducing manual effort by 90%.
- Mentor @ Coding Ninjas: Taught DSA, debugging code optimization.
- Solved **500+ coding problems** across platforms.

Education

Deenbandhu Chhotu Ram University of Science and Technology (Sonapat),
B.Tech (Electronics and Communication) || 7.8 GPA

August 2017 - July 2021