

PALAK BATRA

+91-9991029976 palak99batra@gmail.com [Linkedin/palakbatra](#) [Github/palakbatra](#) [Personal Portfolio](#)

Summary

Software Engineer with 3+ years of experience building reliable, cloud-native applications using AWS, Node.js, and React. Experienced in optimizing performance, automating deployments, and designing scalable APIs. Enjoy collaborating across teams, solving complex problems, and writing clean, testable code.

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**, **Node.js**, and **DynamoDB** reducing API latency by 50%.
- Integrated caching strategies, cutting response times by **30%** and improving system throughput.
- Delivered CSV/TXT export for 5K+ users, improved error handling and data reliability by **50%**.
- Implemented **100%** unit test coverage using Jest, reducing production bugs by 40%.

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+ apps using multi-threaded Python scripts, slashing deployment from 1.5 hrs to **15 minutes**, saving **200+ engineer hours/month**.

Graduate Programmer | Fidelity International Dec 2021 – Sep 2022

- Built data visualization dashboards using Django, improving accessibility and UX by 30%.

Projects

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

- Developed full-stack expense tracker with JWT auth, secure APIs, and optimized MongoDB queries.
- Built responsive frontend with React.js + Tailwind; deployed scalable backends on Render.

Hackathon-Winning SaaS App

- Led frontend for a React-based document automation tool during GC BuildIt Hackathon (2025).
- Replaced 10-FTE manual workflow with automated pipeline; won 1st out of 80+ teams.

Certifications & Achievements

- **Winner – GC BuildIt Hackathon (2025)**
- 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 (Sonepat),
B.Tech (Electronics and Communication) || 7.8 GPA

August 2017 - July 2021