

Priyanshu Patel

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Education

Master of Science in Computer Software Engineering San Jose State University	Aug 2024 – May 2026 San Jose, CA
Bachelor of Engineering in Computer Engineering Dharmsinh Desai University	Jul 2020 – May 2024 Nadiad, India

Experience

Software Development Engineer Intern <i>Next.js, Supabase</i> The Bay Labs	Sep 2025 - Present Sunnyvale, CA
- Architected a secure multi-tenant Document Management Application for 100+ users, ensuring complete data isolation and privacy compliance. - Implemented an RLS-backed Supabase schema with granular per-user and per-organization access policies, improving data security by 100%.	
Software Development Engineer Intern <i>Java, Spring Boot</i> Amazon	May 2025 - Aug 2025 Sunnyvale, CA
- Designed and implemented a Bulk Create Tasks API in Alexa enabling concurrent creation of up to 20 reminders and to-dos, improving feature reliability for 10M+ users. - Leveraged parallel processing to improve API throughput by 60% and reduce latency by 40%. - Authored detailed design docs and implemented polymorphic API patterns, collaborating with 3+ internal teams for seamless Alexa Reminders integration. - Built comprehensive unit, integration, and harness tests achieving 95% test coverage and ensuring production-grade stability.	
Software Developer Intern <i>Next.js, React.js, Node.js</i> The One Technologies	Dec 2023 - Jun 2024 Ahmedabad, India
- Developed high-performance REST APIs with Node.js handling 1000+ requests/sec and achieving 99.9% uptime, ensuring seamless frontend-backend communication. - Built interactive data visualizations with React and Node.js, reducing load times by 40% and increasing user engagement by 25%.	

Projects

MediNote (Hackathon Winner) Source Code: Github	May 2025 - Present
Technologies used: <i>React, Convex, Clerk, OpenAI Whisper</i> - Built doctor/patient dashboards with AI-transcribed consultations, structured visit summaries, and extracted medications/vitals. - Integrated Whisper to auto-generate 95%-accurate reports, reducing clinician documentation time by 40% and enabling clinical-trial matching from transcripts.	
Paytm Source Code: Github	Jun 2024 - Jul 2024
Technologies used: <i>Turborepo, Next.js, Express, React Context API, Tailwind CSS, Docker, AWS</i> - Developed a comprehensive financial application with a monorepo architecture, integrating peer-to-peer transfers, on-ramping transactions, and real-time updates to enhance performance and scalability. - Implemented key features including on-ramping transactions with simulated bank webhook integration, P2P transfers with transaction history tracking, and real-time updates for transactions and balances.	

Technical Skills

Programming Languages: C++, C, Java, JavaScript, TypeScript, Python, C#, PHP, Ruby, SQL
Web/Frontend: Spring Boot, React.js, Next.js, Angular, Node.js, RESTful APIs, Full Stack, End-to-End
Databases: PostgreSQL, MySQL, MongoDB, Prisma
Cloud/DevOps: AWS (EC2, S3, Load Balancers), Docker, Kubernetes, Prometheus, Grafana, CI/CD
Testing & Other: Jest, Mocha, Code Review, Data Structures & Algorithms (DSA), System Design