Sarthak Vivek Kamble

sarthakkamble101@gmail.com | LinkedIn | GitHub | Portfolio

Experience

Excelerate May 2026 – Present
Full Stack Developer Intern *Remote*

- Build and maintain features across two production evaluation platforms (moderator and user panels) using TypeScript, Node.js/Express, React, Redux Toolkit and AWS DynamoDB.
- Migrated backend modules from interface-based to class-based models on a layered Route → Controller → Service → Repository architecture, with explicit mapping between database and API shapes.
- Implemented DynamoDB access optimisations (pending review): lookup items and batched reads in place of partition-wide filtered queries, and transactional archiving of decided work items.
- Built and fixed dashboard features end to end, from REST endpoints to React screens with TanStack Query, behind AWS Cognito JWT authentication and role-based access.
- Reviewed teammates' pull requests for correctness and data-integrity bugs, and wrote reviewer-ready PR descriptions with impact analysis.

Tech Mahindra Mar 2025 – May 2025
Support Trainee *Pune, India*

- Developed React.js and TypeScript dashboards, fixed bugs in Flask/Supabase services, and defined REST API contracts with backend engineers.
- Delivered tailored UI/UX for client projects including JPMorgan and Agro Bank; led a revamp that added dark mode and improved accessibility.

Projects

Groomsio | *React Native (Expo), Fastify, PostgreSQL, Drizzle, Supabase, TypeScript, Turborepo*

- Building a salon and barber booking platform: customer and owner mobile apps, a web landing page and a Fastify API in a pnpm/Turborepo monorepo.
- Designed a modular-monolith backend split into bounded-context modules (bookings, availability, staff, catalog, reviews), with shared Zod contracts typing the API from server to app.
- Implemented opening-hours-aware slot availability with overlap detection, transactional booking and reschedule flows, unit-tested booking policies, and silent mid-session token refresh.

SplitSnap Live | *Next.js, TypeScript, Supabase (Postgres + Realtime), Cloudflare Workers AI* Live site

- Mobile-first bill splitter, installable on phones: an open-source vision model turns a bill photo into editable line items.
- Friends join by link with no sign-up and claim items in real time, by count, shared plate or equal split; integer-paise rounding makes shares add up exactly to the bill.
- Each person pays by UPI link, QR code or cash; Postgres functions and row-level security control access and lock a bill once someone pays.

Defend Your Code In progress | *Next.js, Node.js, PostgreSQL, GitHub OAuth, LLM API*

- AI mock interviewer grounded in the candidate's own GitHub repo: picks real files and asks line-level "why" and "what if" questions, by voice or text.
- Grades each answer, tracks weak topics across sessions and resurfaces them for revision.
- Per-user rate limiting and usage quotas keep it within free LLM-tier limits; background jobs index repositories.

Education

Symbiosis Institute of Technology, Pune Sep 2021 – Jun 2025
B.Tech in Computer Science and Engineering *Pune, India*

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL

Backend: Node.js, Express, Fastify, REST API design, Zod

Frontend & Mobile: React, Next.js, React Native (Expo), Redux Toolkit, TanStack Query, Tailwind CSS

Databases: PostgreSQL (Drizzle ORM), AWS DynamoDB, MongoDB, Supabase

Cloud & Tools: AWS (Cognito, DynamoDB, EC2, S3), Docker, Git, GitHub, Postman, Figma

Practices: Layered architecture, code review, Agile/Scrum, CI/CD basics