Sundar Prakash P

Software Engineer

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Summary

Software Engineer with experience at product-based companies building scalable full-stack apps, mobile products, and automated test infrastructure. Proven ability to deliver high-performance Node.js/NestJS backends, cross-platform Flutter apps, and zero-downtime AWS deployments.

Education

S.A. Engineering College

Bachelor of Technology - CSBS

Nov 2022 — Apr 2026

Backend & Cloud

Node.js, NestJS, RESTful APIs, Python, AWS (ECS, Fargate, S3), Docker, CI/CD

Frontend & Mobile

React, Next.js (SSR/SSG), Flutter, Dart, Tailwind CSS, HTML5/CSS3

Test Automation

Patrol (Flutter), Jest, Bash Scripting, PowerShell Scripting, Parallel Execution

Databases & Integrations

PostgreSQL, DynamoDB, Supabase, Firebase, Odoo ERP, Webhooks

Soft Skills

Collaboration, Problem-solving, Results-driven, Time Management, Cross-functional Teamwork, Critical Thinking, Effective Communication, Team Leadership, Adaptability

Languages

English, Tamil, Hindi

Work Experience

Vxceed Technologies, Bangalore Jun 2026 — Present

Product Engineer (Flutter)

- Drove stability of a production SFA Flutter app, developing and debugging features to ensure consistent functionality across releases.
- Designed a complete Patrol integration test suite and authored Bash/PowerShell scripts for parallel multi-device execution within 1 month of joining.
- Achieved 4x faster integration test cycles by turning a dedicated PC into a local remote server to run multiple Android emulators and test scripts in parallel, eliminating developer machine resource bottlenecks.

Zingbizz, Chennai Apr 2024 — Apr 2026

Software Engineer (Intern)

- Engineered scalable full-stack workflows, migrating legacy systems to cloud VPS via Docker and Nginx, achieving 100% zero-downtime transitions and 99.9% uptime.
- Built cross-platform Flutter/Supabase mobile apps with 60 FPS rendering while automating CI/CD pipelines via GitHub Actions to accelerate delivery by 30%.
- Developed a PHP/Python synchronization service processing 1,000+ daily inventory records across Odoo ERP and WooCommerce in real-time.

Projects

Vybn E-Commerce Platform Jan 2026 — Apr 2026

Next.js, NestJS, AWS (ECS/Fargate), DynamoDB, Docker

- Migrated a legacy platform to NestJS and Next.js, scaling to support 3x higher concurrent traffic with 40% reduced query times.
- Integrated AWS Cognito, S3, CloudFront, and SES to secure transactional messaging and accelerate media delivery by 50%.

BrainBoosters Multi-Tenant Ecosystem Aug 2025 — Apr 2026

Flutter, Next.js, Node.js, Supabase, Bunny Stream

- Architected a multi-tenant ecosystem with Next.js admin portal and Flutter app, ensuring zero downtime under high-volume concurrent requests.
- Implemented Supabase real-time state and Bunny Stream API, guaranteeing 100% data parity and zero unauthorized video access.

SoruTrack (AI Food Tracker) Jan 2026 — Apr 2026

Dart, SQLite, Gemini AI

- Built an offline-first Dart app with local SQLite encryption, guaranteeing 100% zero-leakage security with on-device Gemini AI processing.