

# SIDDHANT SHUKLA

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## SUMMARY

Full Stack Developer and B.Tech Computer Science student (May 2027) with 2+ years building production web and mobile applications using React, Node.js, TypeScript, Python, and AWS. Experienced in leading 30-member engineering teams, designing scalable REST APIs, and delivering AI/ML-powered products. Seeking a software engineering role to drive full-cycle product development and measurable business impact.

## WORK EXPERIENCE

### Sojaru Corp

Lead Full Stack Developer

April 2026 – Present

Mumbai, India

- Architected end-to-end product features including secure server infrastructure, CI/CD pipelines (GitHub Actions, Docker), and high-throughput REST APIs, enabling seamless payments integration for **3+ enterprise clients**.
- Enforced OWASP secure coding standards and drove full-cycle vulnerability remediation, achieving **99.9% production uptime** and zero critical security incidents; optimized Docker-based pipelines to cut deployment time by **40%** and scale to **10x** peak traffic.

### Periscope Inc

Software Developer Intern

February 2026 – March 2026

Mumbai, India

- Engineered a cross-platform React Native application for Android, iOS, and WearOS with OWASP-aligned security standards enforced across the full software development lifecycle (SDLC).
- Designed a scalable MERN Stack platform (MongoDB, Express.js, React, Node.js) with JWT authentication and WebSocket real-time sync; reduced API latency by **20%** via query optimization and Redis caching.

### Team Vision – AR/VR Lab, K.J. Somaiya College of Engineering

Software Development Project Manager

August 2024 – Present

Mumbai, India

- Managed a **30-member** cross-functional team using Agile/Scrum; translated requirements into modular software architecture, reducing delivery cycle time by **15%** across 4 sprints.
- Directed **2 campus-wide AR/VR application launches** adopted by **1,000+ students**, boosting engagement by **30%** and optimizing 3D rendering to maintain **54 FPS** on low-end Android devices.

## EDUCATION

### K.J. Somaiya College of Engineering

Bachelor of Technology (B.Tech) in Computer Science Engineering — CGPA: 8.86 / 10.0

July 2023 – May 2027

Mumbai, India

- Honors Specialization: Software Engineering and Mobile Application Development
- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Machine Learning, Cloud Computing, Mobile App Development, Software Engineering

## PROJECTS

### Polysh | AI Prompt Optimizer Browser Extension – TypeScript, Manifest V3, Chrome APIs

- Launched a prompt optimizer supporting **11 LLMs** (GPT-4, Claude, Gemini, Mistral) with 10+ refinement modes, live diff previews, per-site memory, and offline capability; published on Chrome Web Store and Firefox Add-ons.
- Reached **500+ active users** and a **4.8/5 star rating** within 60 days; implemented privacy-first architecture with smart context injection and a built-in analytics dashboard.

### Physiq | AI Fitness Coach – React Native, Express.js, Python, Scikit-learn, AWS EC2

- Developed a gamified fitness platform integrating **5 production ML models** for progression tracking, plateau detection, and personalized workout and nutrition planning; shipped to production APK.
- Backend on AWS EC2 handles **200+ concurrent users** with sub-200ms API response times; real-time XP system, push notifications, and analytics dashboard included.

### PaperTrace | Agentic AI Research Assistant – LangGraph, LangChain, RAG, Streamlit, Python

- Engineered an LLM-powered research agent integrating **4 scholarly APIs** (arXiv, Semantic Scholar, CrossRef, PubMed) with PDF Retrieval-Augmented Generation (RAG) for literature search, summarization, and gap identification.
- Added citation generation, multi-paper comparison, and multi-turn conversational memory; production Streamlit deployment reduced academic literature review time by **60%**.

## SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C++, C, SQL

**Frontend:** React.js, React Native, Flutter, HTML5, CSS3, Tailwind CSS

**Backend:** Node.js, Express.js, Flask, REST API, GraphQL, WebSockets

**Databases:** MongoDB, PostgreSQL, MySQL, Firebase, Google BigQuery

**Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, GitHub Actions, CI/CD, Linux (Ubuntu), Git

**AI / ML:** Machine Learning, Generative AI, LLMs, LangChain, LangGraph, RAG, Scikit-learn, Pandas, NumPy

**Practices:** Agile, Scrum, OWASP Security, JWT Authentication, SDLC, Power BI, JIRA