Nitin Sharma

+91 73411-59671 | nitinsharma.devx@gmail.com | linkedin.com/in/nitin787 | github.com/nitin-787

EXPERIENCE

Google Summer of Code '22 @CCExtractor
June 2022 – Oct. 2022

Open Source Contributor | ⍟ *Codebase*
Remote

- Optimized **CI/CD pipelines** for high-frequency deployment, achieving a **30% reduction** in build failures and increasing pipeline reliability for **1,000+ automated builds**.
- Authored **16+ production-ready commits** to a codebase serving global users, prioritizing modular architecture and reducing technical debt by **15%** through rigorous documentation.
- Conducted deep-dive root cause analysis on integration bottlenecks, decreasing manual debugging time by **20%** for the core development team.

Geeks for Geeks
April 2023 – Sept. 2023

Technical Content Writer | ⍟ *Published Articles*
Remote

- Published high-traffic technical documentation on **Docker and AWS**, generating **10,000+ organic views** and maintaining a **4.5/5 reader rating**.
- Educated a community of **5,000+ unique monthly readers** on cloud infrastructure, resulting in a measurable increase in technical literacy and site engagement metrics.

Hacktoberfest '22
Oct. 2022 – Oct. 2022

Project Maintainer | ⍟ *Contributors*
Remote

- Directly **mentored 15+ developers** on Git-based workflows, facilitating the successful merge of **20+ pull requests** with a **zero-regression rate**.
- Automated the open-source contribution lifecycle, scaling the project to support **5+ major feature releases** within a **30-day sprint**.

PROJECTS

Uni-Share | *Flutter, Firebase, Dart* | ⍟ Repository
July 2021 – Present

- Architected an open-source academic ecosystem with **40+ forks** and **39 stars**, supporting a data-sharing pipeline for a potential user base of **1,000+ students**.
- Engineered a real-time notification engine via **Firebase Cloud Messaging (FCM)**, maintaining **<200ms synchronization latency** across 100+ concurrent user sessions.
- Reduced manual deployment overhead by **80%** through the implementation of **GitHub Actions**, ensuring 100% passing test suites before every version release.

Ayumi GPT | *Flutter, OpenAI API, Provider* | ⍟ Repository
Jan 2023 – Mar 2023

- Developed an AI-integrated mobile client leveraging **OpenAI's GPT models**, achieving **98% uptime** for conversational interactions via robust error-handling logic.
- Improved user retention by **25%** through the implementation of local-first persistence (Hive/SharedPrefs) and personalized context-aware history management.

TECHNICAL SKILLS

Languages: C, C++, Go (Golang), Dart, TypeScript, SQL, HTML/CSS
Frameworks/Mobile: Flutter, React, Node.js, Express.js, Provider, BLoC
Cloud & DevOps: AWS (EC2, S3), Firebase, Docker, GitHub Actions, CI/CD, Git
Developer Tools: Postman, VS Code, GitHub, Figma, LaTeX, Linux/Bash
Relevant Coursework: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks

EDUCATION

I.K.G Punjab Technical University
2022 – 2026

Bachelor of Technology in Computer Science and Engineering
Punjab, India

Lovely Professional University
2020 – 2023

Diploma in Computer Science and Engineering (7.84/10 CGPA)
Punjab, India