MAYANK AGRAWAL

Mathura, Uttar Pradesh, India

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PROFESSIONAL SUMMARY

Founding Developer and Computer Science undergraduate with strong hands-on experience shipping production mobile applications. Experienced in building scalable full-stack systems and integrating LLM-based features into real-world products. Comfortable owning products end-to-end, from architecture to deployment.

TECHNICAL SKILLS

- **Languages:** Python, Dart, JavaScript, SQL, C++
- **Mobile Development:** Flutter, iOS (Swift), Android (Kotlin/Java)
- **AI / ML:** Large Language Models (LLMs), NLP, Supervised Learning, Prompt Engineering
- **Cloud & Tools:** Microsoft Azure, Firebase, Google Cloud Platform, Git, GitHub, CI/CD

EXPERIENCE

Rentits   Mathura, India
Founding Developer   Nov 2025 – Present

- Designed and implemented the end-to-end architecture of a sharing-economy platform from MVP to production.
- Built AI-driven recommendation features to improve content discovery and user engagement.
- Developed and maintained cross-platform mobile applications using Flutter with focus on performance and scalability.

Freelance Mobile Engineer (Android & iOS)   Remote
Mobile Application Developer   Jun 2020 – Nov 2025

- Built and shipped native iOS and Android applications, handling diverse device constraints and OS versions.
- Integrated REST APIs, authentication flows, and backend services while meeting App Store guidelines.
- Implemented offline-first architectures, background processing, and data caching for reliability.

Microsoft   Remote
Microsoft Learn Student Ambassador (MLSA)   Apr 2025 – Nov 2025

- Conducted technical workshops on Azure fundamentals and cloud-native application development.
- Mentored students on deployment, system design basics, and software engineering best practices.

Hacktoberfest   Remote
Open Source Contributor   Oct 2025

- Contributed bug fixes and performance improvements to open-source repositories.
- Collaborated with maintainers through code reviews and pull requests in distributed teams.

KEY PROJECTS

Financial Options Strategies Tool   *Python, Pandas, NumPy*

- Developed a CLI-based tool to backtest options trading strategies using historical market data.
- Implemented statistical analysis for risk evaluation and performance comparison.

EDUCATION

GLA University   Mathura, India
Bachelor of Technology (B.Tech) – Computer Science   Aug 2024 – Sep 2028 (Expected)

- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Artificial Intelligence

Babu Daudayal Saraswati Vidhya Mandir   Mathura, India
Class 12th – Science Stream   Completed 2024

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals

- Supervised Machine Learning (Regression and Classification)

- Google Cloud: The Arcade Certification Zone (Oct 2024)