

# Akash K

**Portfolio:** akashcodesalot.dev

Chennai, Tamil Nadu, India

k.akashkumar@gmail.com | 7397327609

linkedin.com/in/akash-k19052022

github.com/AkiTheMemeGod



## Summary

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- Full-stack developer with 3+ years of experience in **Python (Flask)** and the **MERN stack**, specializing in secure, scalable APIs and SaaS applications.
- Built and deployed major projects like **ProtoBase**, **MindVault**, and **AnarchKey**, improving developer productivity and security.
- Experienced in authentication systems, cloud development (**Azure**), cybersecurity, and modern web solutions.
- Strong leadership, teamwork, and problem-solving skills in agile development environments.

## Skills

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- **Programming:** Python, JavaScript
- **Frontend:** React.js, HTML, CSS, Tailwind
- **Backend:** Flask, Node.js, FastAPI, Express.js
- **Database:** MongoDB, SQLite
- **Cloud/Platforms:** Azure, Docker, Git, VS Code, Firebase, Supabase
- **Soft Skills:** Leadership, Teamwork, Problem Solving

## Education

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**SRM Institute of Science and Technology**, CSE with Specialization in Cybersecurity June 2022 – Present  
(Expected Graduation: May 2026)

- CGPA: 9.59
- Relevant Coursework: Cybersecurity, Data Structures, Web Development, Cloud Computing

**St. John's English School and Junior College**, CBSE 2019 – 2021

- Class X: 92%, Class XII: 82%

## Work Experience

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**CheckPoint Systems, Bangalore** Feb 2025 – July 2025

- Designed APIs for real-time systems, reducing response time by **30%**.
- Integrated React frontend with Flask backend, improving application responsiveness and user experience.
- Managed NoSQL database operations, optimizing queries and reducing data retrieval time by **25%**.
- **Tools Used:** React.js, HTML, CSS, JavaScript, Python, Flask, MongoDB

## Projects

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**MindVault:** AI-powered study platform providing personalized learning, note generation, and resource organization. **Tools:** React.js, Node.js, Express, MongoDB, LLMs

**ProtoBase:** Developer-focused backend platform simplifying API creation and authentication, reducing setup time by 50%. **Tools:** React.js, Python, Flask, SQLite, RESTful API

**AnarchKey:** Cloud-based key manager providing full control over API credentials with end-to-end encryption. **Tools:** React.js, Python, Flask, SQLite, Cryptography

**SRM Attendance Tracker API / Mobile App:** Real-time attendance management system with analytics and exportable reports. **Tools:** Flutter, Python, Flask, SQLite, Dart, Android Studio

## Technical Achievements / Open Source Contributions

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- Engineered and maintained multiple open-source projects in **Python, JavaScript, and Flutter**: [github.com/AkiTheMemeGod](https://github.com/AkiTheMemeGod).
- Published Python packages on PyPI providing reusable modules for developers.
- Built reusable Flutter packages for seamless backend integration.

## Certifications

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- **Certified Ethical Hacker** - EC-Council (2024–2027) [View]
- **Learn Hacking Using Android From Scratch** - Udemy (2024) [View]
- **Complete SQL & Relational Database Management System** - Udemy (2024) [View]
- **Postman API Fundamentals Student Expert** - Postman (2025) [View]
- **Python3 Certification** - CodinGame (2025) [View]
- **Python (Basic)** - HackerRank (2025) [View]
- **REST API (Intermediate)** - HackerRank (2025) [View]
- **C# (Basic)** - HackerRank (2025) [View]
- **Problem Solving (Basic)** - HackerRank (2025) [View]
- **SQL (Basic)** - HackerRank (2025) [View]
- **Software Engineer** - HackerRank (2025) [View]
- **Software Engineer Intern** - HackerRank (2025) [View]

## Honors and Awards

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- Academic Topper Award - Highest CGPA in department during university examinations

## Interests

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Open Source, Automation, Hackathons, Self-hosting