

Ashwin Narayanan S



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[Portfolio](#)



[GitHub](#)

Education

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science & Engineering | CGPA: 9.25/10

September 2021 - Present

Coimbatore, India

Indian Institute Of Technology, Madras

Bachelor Of Science, Data Science & Programming | CGPA: 7.91/10

September 2021 - Present

Online

Experience

Software Engineering Intern @ [Google](#)

Summer Internship

June 2024 - Present

Bengaluru, India

DevOps Engineer Intern @ [Telesto Energy](#)

Tech: *GitHub Actions, Microsoft Azure App Service, Python, Django, Docker*

October 2023 - May 2024

Remote

Web Developer Intern @ [Sri Sathya Sai Seva Organization](#)

Site: sssbalvikas.in | Tech: *HTML5, CSS3, JS, WordPress* | [Intern Certificate](#)

November 2021 - June 2023

Remote

- Worked with a National team to craft an interactive website designed to elevate the teaching of moral values.
- Created Interactive games using JavaScript | [Game Link](#)
- Content management using WordPress of 100+ pages in 8 native languages.

Projects

Vault 007 | Android, Flutter, Dart, Isar, AES CBC, Material 3 | [GitHub Link](#) | [Play Store Link](#)

Individual Project

- Leveraged Dart and Flutter for a user-centric app with secure password management, including AES-CBC encryption algorithm for data protection and deployed it to the Google Play Store. (100+ downloads)
- Integrated biometric authentication (Touch ID/Face ID) to enhance privacy and access security within the secret vault application.

Anokha 2023 | ReactJS, NodeJS, Tailwind CSS, PayU, API | [GitHub Link](#)

Team Project

- Collaborated with a 5-member team to build a full-stack web app for event registration in our college's Techfest Anokha 2023, employing ReactJS and Tailwind CSS for an engaging frontend and handling payments with PayU.
- Orchestrated backend-to-frontend connectivity via APIs, optimizing server requests by 30% through caching, and introduced QR code-based registration, streamlining tracking and enhancing efficiency.

Air Files | C++, NodeJS, Flutter, Dart, ExpressJS, MySQL, Huffman Coding | [Project Report](#)

Team Project

GitHub: [C++ Code Link](#) | [Server Link](#) | [App Link](#) | [Web App Link](#)

- Worked with a team of 4 members and crafted a cross-platform fast, reliable file-sharing app.
- Files stored in the server are 20%-43% compressed than the original size which increased the response speed of the server by >20%.
- Ensured secure file sharing by token-based authentication and wrote API's using ExpressJS, MySQL.

Technical Skills

Areas of Interest: Full Stack Development, System Design, Competitive Programming, Mentoring

Languages and Frameworks: C, C++, Python, Java, MySQL, SQLite, PostgreSQL, JS, Dart, HTML5, CSS3, Flask, React.js, Android, Node.js, Flutter, TailwindCSS, Express JS, AES CBC, Material 3, Bootstrap, Next.js, Haskell, Solidity, Go

Tools and Technologies: Git, Linux, Firebase, Isar, Figma, RaspberryPi, Eclipse, Visual Studio, Arduino, AWS EC2, Azure VM, Remix IDE

Awards / Extra-curricular

- Certificate Of Appreciation | IIT Madras | [View Certificate](#)
Secured Rank 15 among 250+ students in a series of 8 DSA contests hosted by IIT Madras on CodeChef.
- Project Shortlisted for Google Solutions Challenge 2024 India Regional Bootcamp | [GitHub Link](#)
- Google | Foundations of Cyber Security | [View Certificate](#)
- 3-star Coder | CodeChef | [View Profile](#)
- DevOps Lead | Google Developer Student Clubs, Amrita School of Computing | [View Profile](#)
- Trained Carnatic Singer | [View YouTube Channel](#)