

# Aryan Kacker

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## EDUCATION

**SRM Institute of Science and Technology, Chennai**

September 2022 - May 2026

*Bachelor of Technology in Computer Science | CGPA: 9.02/10*

## EXPERIENCE

### Barclays

June 2025 - August 2025

*Technology Summer Intern (BA4 Intern)*

*Pune, Maharashtra*

- Developed and deployed **feature flag management solutions** using Togglz, FF4J, and Microsoft Feature Management across Java Spring Boot, .NET, and Angular applications, enabling safe feature releases and runtime code toggling.
- Created **OpenAPI specification documents** and auto-generated API interfaces in Java Spring Boot using Maven plugins, improving API consistency and reducing integration errors.
- Implemented **Trunk-Based Development (TBD)** practices and built a **CI pipeline in GitLab**, streamlining integration workflows and accelerating feature deployment.
- Delivered a proof-of-concept adopted by **Risk, Finance, and Treasury** teams, introducing **role-based access control for feature toggles**, reducing downtime, and increasing operational efficiency through controlled rollouts.

### Infosys

April 2025 - May 2025

*iOS Application Developer Intern*

*Mysore, Karnataka*

- Developed a **Fleet Management iOS app** using **SwiftUI** and **Firebase**, enabling real-time tracking, status updates, and seamless fleet operations.
- Built key features like **auth**, **CRUD**, and **live sync** using **Firestore** and **Realtime DB**.
- Worked in an **Agile Scrum** setup with **Jira**, daily stand-ups, and sprint reviews.
- Won “Best App”** out of 10 teams (100 interns) for advanced features and superior UX.

## PROJECTS AND ACHIEVEMENTS

**Fleetly** | *SwiftUI, Firebase, Git*

April 2025 - May 2025

- Built a **Fleet Management iOS app** using **SwiftUI**, **Firebase**, and **MVVM**, delivering **18+ features** for Admin, Driver, and Maintenance roles.
- Enabled **real-time trip tracking**, **geofence alerts**, and **route visibility** via **Apple Maps** and **Firebase Realtime DB**.
- Automated **90% of manual operations** with integrated **vehicle inspection**, **maintenance scheduling**, and **inventory tracking**.
- Implemented **secure role-based authentication** using **Firebase Auth** and **Firestore Security Rules** for controlled access.

**DigiBox (Barclays Hack-O-Hire 2024)** | *Node.js, Express.js, MongoDB, AWS*

March 2024 - April 2024

- Ranked Top 101** among **4,000+** in Barclays Hackathon; one of few **second-year** participants.
- Developed a mobile app for Barclays' **Digital Box**, enabling **1,000+** user queries via **live chat** and **ticketing**.
- Built a **scalable backend** using **Node.js**, **Express**, **MongoDB**, with **AWS S3**, **API Gateway**, **Lambda**, and **EC2** for file uploads, auth, and performance optimization.

**FundBoost** | *Next.js, Node.js, Express.js, Tailwind Css, MongoDB, Axios, Git*

February 2024 – March 2024

- Built and deployed a full-stack crowdfunding platform** using Next.js, Node.js, Express, MongoDB, and Tailwind CSS, supporting **500+ startups** with real-time tracking.
- Implemented secure JWT authentication with bcrypt, reducing unauthorized access by **95%**.
- Designed a **scalable MVC backend**, improving modularity and boosting development efficiency by **40%**.

## TECHNICAL SKILLS

- Languages:** C++, Javascript, SQL, Bash, Swift.
- Frameworks and Libraries:** Node.js, React.js, Next.js, Express.js, SwiftUI, JWT, Selenium, Socket.io.
- Tools:** Git, AWS, Docker, Jenkins, Kubernetes, Firebase, XCode, Unix/Linux, GNU/Linux CLI Tools, Postman, Agile/Scrum, CI/CD basics.
- Databases:** MongoDB, MySQL, MySQL Workbench.