

Kautilya DK

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🌐 [Portfolio Website](#)

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EDUCATION

RV University

Bachelor of Computer Science and Engineering

Major in Cybersecurity; Minors in Fintech

Cumulative CGPA: **9.6**; Merit Scholarship 2023-24, 2024-25

Relevant Coursework: Data Structures, Agile Engineering; Operating Systems; Algorithms; Artificial Intelligence; Computer Networks; Theory of Computations; DBMS; IoT and Edge Computing; Cloud Computing; OOPs; Fundamentals of Cybersecurity; Digital and Mobile Forensics; FinTech;

Bangalore, India

Expected May 2027

WORK EXPERIENCE

ChannelSeal (Cybersecurity Stealth startup)

(Remote) California, US

Software Engineering Intern

Jan 2025 – Aug 2025

- Developed and implemented a portal for a cybersecurity platform using React, Tailwind CSS and Nest.js.
- Optimized application performance by reducing API calls to the platform by approximately **80%**, significantly improving response time and user experience.
- Set up automated test execution that uses Playwright to perform E2E testing of the portal and uses Jest to perform Unit testing and Integration testing on various entities while making sure that the test coverage is always more than **92%**.

PROJECTS

UniVault - A centralized and collaborative academic platform

July 2025

- Designed a modern, collaborative platform for university students to share, find, and request academic resources.
- Implemented RBAC (Role based access control) and authentication using Supabase Auth with Google OAuth.
- Has been used actively by hundreds of students with **120** students who have registered as users on the platform.
- Technologies Used - Next.js, Supabase, BackBlaze B2, Google OAuth, TypeScript, Tailwind CSS ([link](#))

CPU Scheduling Algorithm Simulator

Sep 2024

- Designed an interactive web-based simulator visualizing CPU scheduling algorithms (FCFS, Round Robin, SJF, SRTF)
- Achieved **~10K** impressions in Google Search with an average ranking of **2.3**, demonstrating strong SEO performance
- Attracted approximately **1.3K** organic lifetime visitors with consistent daily growth in traffic
- Technologies Used - Next.js, TypeScript, Tailwind CSS, ShadCN UI ([link](#))

ACTIVITIES

DevSphere (Web3 and Open Source Club of RV University)

Bangalore, India

Vice President

Aug 2024 – Jun 2025

- Organized a Web3 x AI Workshop that was **attended by over 250 students** from the FinTech Minor.
- Organized an Intra-college Hackathon during the Tarang Fest at RV University.
- Organized a **Github Co-pilot Workshop** on college campus which was taken by the **Github Senior Developer Advocate** and attended by **150** students from the School of Computer Science.

ADDITIONAL

Technical Skills: Advanced in C++, C, Javascript, Typescript; Experience with Next.js, Tailwind CSS, React, Git, Github, Supabase; Worked with MongoDB, MySQL, PostgreSQL

Languages: Fluent in English and Kannada; Conversational Proficiency in Hindi

Awards: **Top 1% Topper** - Programming in Modern C++ Certification, secured **AIR 5** among the 2597 registered candidates all over India; **Merit Scholarship** for the AY 2023-24 and 2024-25 for exceptional academic performance being placed in the top 2% of all students in the B.Tech program at RV University.