

CHIRAG A K

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Education

Sahyadri College of Engineering & Management

Bachelor of Engineering in Information Science

Dec 2020 - May 2024

Mangaluru, Karnataka

Sharada Pre University

Pre University in PCME

Jun 2018 - May 2020

Mangaluru, Karnataka

Achievements

- Designed and developed the prototype for project Taal, a finalist in the **Toycathon** arranged by the Government of India, competing against over 1000 teams nationwide.
- Led project Aasha in the **SHIFT Hackathon 2022** organized by **Siemens Healthineers**, recognized as one of the top 14 finalists among 300+ participants across India.
- Chosen for Cohort 5 Product track 2022 by **CISCO ThinQbator**.

Work Experience

Ranpise DigiTech Solutions Pvt Ltd | *FullStack Web Development Intern*

Mar 2024 - May 2024

- Directed a remote internship in web development and managing end-to-end tasks including requirement gathering, analysis, design, coding, testing, and documentation over a 3-month period.
- Gained proficiency in full-stack web development through active involvement in a 3-month internship project.

Projects

EventifyConnect | *MongoDB, Express, React, Node, Firebase*

May 2024

- Developed event booking platform with MERN, creating front-end components and back-end APIs for seamless UX.
- Applied Agile methodology for iterative development and continuous integration with Git.

Aasha | *Python, Deeplearning, HTML, CSS, Javascript*

Jan 2022

- Built a machine learning model using a dataset of infrared images to detect early-stage breast cancer with a precision of 97.08%.
- Designed a website to generate reports based on the model and maintain patient databases.

Waver | *Raspberry Pi 4, Python, HTML, CSS, Javascript, PHP, MySQL*

Dec 2021

- Created an IoT-based attendance tracking system using a Raspberry Pi 4.
- Built an attendance dashboard to display weekly and monthly data for department heads to monitor student attendance and productivity using RFID technology.

Technical Skills

- Languages/Skills:** AWS, Java, HTML/CSS, SQL, React
- Tools/Platforms:** Git, Linux, VS Code
- Certifications:** AWS Certified Developer Associate, AWS Certified Cloud Practitioner

Leadership / Extracurricular

Newton School Coding Club

Oct 2022 - Present

President

Sahyadri College

- Hosted 4 workshops on Java, teaching 60+ attendees to enhance programming skills.
- Managed a chapter of 150+ members, working towards improving coding skills.

CoE Digital Forensics Intelligence and Cyber Security SCEM

Aug 2021 - Present

Core Member

Sahyadri College

- Conducted a hackathon and cybersecurity session for 50 students, enhancing hands-on learning and cybersecurity skills.

Sahyadri Open Source Community

Jan 2021 - Present

Core Member

Sahyadri College

- Coordinated and delivered interactive hackathons and workshops for 100+ students, fostering a vibrant learning environment.