

AVINASH S

Bengaluru, Karnataka

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🐙 <https://github.com/Avinashs7> </> <https://leetcode.com/u/Avinashs07/>

EDUCATION

RNS Institute of Technology

Bachelors of Engineering in Computer Science - **CGPA - 9.4**

Dec 2021 – Aug 2025

Bengaluru, Karnataka

Sri Aurobindo Pre University (Ind) College

12th Grade - **Percentage - 97%**

Apr 2019 – Jul 2021

Shivamogga, Karnataka

WORK EXPERIENCE

AT&T

Staff Associate Technical Intern

Jan 2025 – Present

Bengaluru, Karnataka

Toyota Industries Engine India Pvt Ltd

Backend Intern

Nov 2023 – Mar 2024

Bengaluru, Karnataka

PROJECTS

Agri-Mitra 🔗 | [Source code](#)

Jun 2024 – Present

- Developed a smart farming platform using React.js, Node.js, and Flask, integrated with IoT sensors to monitor soil conditions (NPK levels, humidity, rainfall, temperature) and predict optimal crops for 22 different crops.
- Utilized Random Forest algorithm to recommend crops that improve soil fertility and maximize yield based on real-time data.
- Enabled farmer collaboration through a community feature for advice-sharing, addressing challenges and fostering knowledge exchange.

Shiksha Marichi | [Source code](#)

Jan 2024 – Mar 2024

- Developed Shiksha Marichi, an edtech platform using Node.js and React.js to enhance the learning experience through seamless technology integration.
- Implemented role-based authentication (RBAC) for secure, personalized access for teachers and students.
- Built a cloud-based course upload system using Cloudinary, allowing teachers to upload media content

Unmanned EV | [OpenCV, Python, Pygame, Arduino, Raspberry Pi](#)

Jul 2023 – May 2024

- Automated a 4-wheel campus buggy using microcontrollers, servos, and actuators for autonomous acceleration, braking, and obstacle avoidance.
- Integrated object detection and image processing to enable automatic stopping when obstacles are detected.
- Designed for 4-passenger capacity, ensuring safe, efficient, and reliable autonomous campus transportation.

TECHNICAL SKILLS

Languages: C++, JavaScript, Java, Python, SQL, HTML

Developer Tools: VS Code, IntelliJ, Postman, Arduino IDE, Git

Frameworks: NodeJS, ExpressJS, Django, ReactJS

Soft Skills: Problem solving, Critical thinking, Time management

ACHIEVEMENTS

- Won 1st place at the **CreatiVerse Hackathon** by Rocketium, competing against **40+ teams of college students and professionals**, for developing an innovative AI-driven creative Ad generation
- Completed **Hacktoberfest 2024** by contributing to open-source projects, enhancing coding skills and community collaboration.
- 2nd Runner-Up at **BGSW AutovisionX Hackathon**, developed a home park assist solution, showcasing technical expertise in autonomous vehicle parking.