

Avis Lowha

Manipal Institute of Technology, Bangaluru
B.Tech - Computer Science and Engineering(AI)

+91-8167467443
awhvish@gmail.com
Github | Portfolio
linkedin.com/in/avis-lowha-278aa1159

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Manipal Institute of Technology, Bangalore	8.36 (Current)	2023-Present
Senior Secondary	CBSE Board	89.2%	2023
Secondary	CBSE Board	92.3%	2021

PROJECTS

- **MarketPlace** Dec. 2024 - Present
Next/ NextAuth/ Prisma Preview
 - Implemented secure user authentication and authorization using **Auth.js** (NextAuth), ensuring data privacy and role-based access control.
 - Integrated **dynamic route handling** in Next.js to enable unique pages for each user, offering personalized profiles and product listings.
 - Enabled artists to upload artwork images and users to place and increase bids in real-time, creating an interactive bidding experience.
- **chat-app** Aug. 2024 - Sep. 2024
React/ Node/ Socket.io/ Zustand Preview
 - A real-time end-to-end encrypted chat application made utilizing **Web Sockets**.
 - Managed state and user authentication efficiently using **Zustand**, enabling simplified and scalable state handling with minimal overhead
 - Integrated **MongoDB** for efficient data management, supporting scalability, and successfully deployed the application for live user access.
- **Snake-game** Jun. 2024 - Jul. 2024
React/ Express/ MongoDB Github
 - Built a snake game using React for the frontend and Express.js for backend API handling.
 - Deployed the backend on **AWS EC2**, managing scalability, server deployment, and backend performance optimization.

TECHNICAL SKILLS

- **Programming:** C/C++, Python, Java*, JavaScript, TypeScript
- **Frontend:** Next, React, TailwindCSS, Bootstrap, HTML, CSS,
- **Backend:** Express.js, Node.js, Flask*
- **Cloud and Databases:** SQL, MongoDB, PostgreSQL, Prisma, Redis*, AWS EC2 * Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes
- **Computer Science:** Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Operating Systems, Network Programming

CERTIFICATIONS & LICENSES

- **Learn Ethical Hacking From Scratch 2024**, Udemy, zSecurity Apr. 2023 - Jun. 2023
- **JavaScript Basics**, Coursera, University of California, Davis Jan. 2024 - Feb. 2024

ACHIEVEMENTS

- **IEEE Codesprint 2023**, 2nd position in a college club competitive coding contest 2023
- **HackerRank**, 5 Star in C++ and Python, 4 Star in Problem Solving 2023
- **AlgoUniversity**, Selected among the top 5% of 20,000 applicants. Passed Stage I & II, got shortlisted for Interview
- **500+ problems solved**, across various platforms ei. Leetcode, Gfg, hackerrank etc.