

# ABHISHEK R ALLAPUR

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## Summary

Final-year Computer Science Engineering student with hands-on experience in full-stack web development (MERN) and UI/UX design using Figma. Skilled in building responsive, user-friendly applications and integrating RESTful APIs. Exploring AI/ML with basic model integration. Currently learning cloud deployment, containerization, and user-focused product design. Seeking roles in full-stack development, UI/UX design, or entry-level AI/ML.

## Education

### Alvas Institute of Engineering and Technology

Bachelor of Engineering in Computer Science - CSE (7.0 CGPA)

Nov 2022 – June 2026

Mangalore, Karnataka

### SBR PU College

PCMB (75 %)

Aug 2020 – Apr 2022

Kalaburgi, Karnataka

### SBR Res School

SSLC (85 %)

June 2020

Kalaburgi, Karnataka

## Experience

### Hawk Aerospace Private Limited

Software Development Intern

Nov 2025 – Dec 2025

Mumbai, India

- Built the company website at hawkaerosystem.co.uk — designing UI/UX, developing front- and back-end components, deploying to production, and ensuring responsiveness and cross-browser compatibility.
- Worked on software development tasks while gaining exposure to organizational processes, quality standards, and product workflows.
- Contributed to performance-based tasks aligned with the company's internal training and development objectives.

## Projects

### Web-Based OS | TypeScript, Node, Express, Supabase, Gemini

September 2025

- Developed a web-based os integrating file management, notes, code editing, terminal access, AI assistance, and a built in browser enabling users to work, code, and browse in one unified workspace with Supabase-powered authentication, storage, and database management.

### Decentralized DataSet Marketplace | TypeScript, Node, Express, Supabase, IPFS, Gemini 2.5 flash

July 2025

- Developed a decentralized dataset marketplace with AI-based quality checks, IPFS storage, Supabase backend, and a TypeScript frontend.

### Car Damage Detection | React, Node, Express, MySQL, PyTorch, ResNet50, Socket.io

May 2025

- Built an AI-powered car damage detection and garage recommendation system using FastAPI, PyTorch and a web frontend for image-based diagnosis, garage booking, and real-time chat.

### Online auction platform | React, Express, Node, MongodB

December 2024

- Built a real-time online auction platform using MERN stack with live bidding, product listings, revenue tracking, and instant winner notifications.

## Technical Skills

Languages: C , Java , Python , SQL , JavaScript .

Developer & Design Tools: VS Code, Figma , Postman , Docker , Latex .

Web Technologies & Frameworks: HTML, CSS, React.js , Node.js , Express.js , MongoDB , REST APIs , Tailwind CSS

Databases: MongoDB , MySQL , SupaBase.

Platforms : Git/GitHub , Virtual Machines , Firebase , Netlify , Vercel.

## Publications

### A Comprehensive Review of Different Frameworks for Ensuring Data Privacy and Security for IoT Networks in Smart City - 2025-

## Certifications

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### **Wipro Limited (TalentNext Program)**

*Java Full Stack Developer*

2025

### **DeepLearning.AI**

*Deep Learning Specialization (CNNs, Sequence Models, Neural Networks)*

2025

### **University of California, Irvine**

*Programming the Internet of Things (IoT) Specialization*

2025

### **Infosys**

*ML Foundations, Cloud Computing, React JS, MySQL*

2025

### **IBM**

*Penetration Testing, Threat Hunting, and Cryptography*

2025

### **IEEE**

*REST API & API Development with Node.js, Express, and Database Integration*

2025

### **Forage**

*Walmart GlobalTech – Advanced Software Engineering & bp Digital Design and UX*

2023

## Achievements

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### **Competitive Programming**

*Solved more than 500 problems on various platforms like Leetcode, CodeChef, Hackerrank, GeeksForGeeks*