

# ABHISHEK SHARMA

Bengaluru, India - 560030

+91-6362697909 [abhisheksharma08103@gmail.com](mailto:abhisheksharma08103@gmail.com) [linkedin.com/in/abhishek2003sharma](https://www.linkedin.com/in/abhishek2003sharma)

[github.com/Abhi2003shek](https://github.com/Abhi2003shek)

## Education

### MVJ College Of Engineering

Bachelor of Engineering in Computer Science & Engineering, **CGPA: 9.42/10**

**December 2020 – July 2024**

Bengaluru, India

## Relevant Coursework

- Data Structures
- Machine Learning
- OOPS
- Database Management
- Python Language
- Web Technologies
- Cloud Computing
- SDLC Life Cycle

## Experience

### LRDE, Defence Research and Development Organisation

Software Engineer Intern

**July 2023 – September 2023**

Bengaluru, India

- Optimized codebase for GPU acceleration using CUDA Framework with C language, reducing execution time by 60%.
- Implemented parallel computation with blocks and threads to enhance processing efficiency.
- Successful Implementation of airborne clutter simulation algorithm on GP-GPU.

### HelpyMoto

Application Developer Intern

**October 2022 – March 2023**

New Delhi, India

- Assisted in development of the front end of a mobile application for iOS/Android using React Native framework.
- Led the transformation of web and mobile applications as an Application Developer, improving user-friendliness by 30% through enhanced UI/UX design.

## Projects

### Terrain Recognition Using ML / Python, React, Flask, Spyder, VS Code

**June 2024**

- Developed a terrain recognition system using a CNN in Python, achieving 96% accuracy in classifying terrain images.
- Created a web application with ReactJS, integrating it with Flask for backend connectivity, featuring a landing page and a classification page for terrain images.

### Finance Management Web Application / React, Google Firebase, Tailwind CSS, VS Code

**March 2024**

- Developed a finance management application using React.js and Google Firebase, with user authentication features like login and signup for secure access.
- Designed a real-time dashboard interface for seamless user CRUD operations, providing instant updates and clear time stamps to track changes as they occur.

### Real-Time Group Chat Application / React Native, Google Firebase, Figma, VS Code

**October 2023**

- Developed a cross-platform mobile app using React Native, integrating Google Firebase for scalable, real-time database management and secure access control.
- Designed and implemented core features including login, signup, and real-time chat for a comprehensive user experience.

## Technical Skills

**Languages:** Python, Java, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, Eclipse, Google Firebase, Spyder

**Technologies/Frameworks:** Linux, GitHub, Figma, AdobeXD, React, Tailwind CSS

**Database:** MySQL, MongoDB

## Leadership / Extracurricular

### Google Developer Student Club

Design Co-Lead

**Summer 2022 – Fall 2023**

### Nova Innovative Compskey Club

Design Lead

**Summer 2022 – Winter 2023**

## Certification

- **Microsoft Certified (AI - 900): Azure AI Fundamentals** (Scored 84% in proctored Examination)
- **NPTEL: Data Mining** (Scored 86% in proctored Examination)
- **J.P. Morgan: Software Engineering Job Simulation**
- **Cisco Network Academy: Data Analytics Essentials**