

Aishwarya Ravi Challanavar

📞 9108233734 — ✉️ aprchallanavar@gmail.com — 🔗 [linkedin.com/in/aishwaryachallanavar](https://www.linkedin.com/in/aishwaryachallanavar)

Summary

Software Engineer at Bosch with 1 year of experience in developing and testing security features for ABS in two-wheelers. Proficient in software and web development, with strong problem-solving skills and a commitment to producing high-quality code.

Skills

Web Development	HTML, CSS, javascript, React.js, Django, Node.js, SQL
Programming Languages	C, C++ with Object oriented programming, Python
Others	Networking Concepts, Github, Linux
Soft Skills	Communication and team collaboration

Experience

Bosch Global Software Technologies

Jul 2023 – present

Software Engineer

- Developed and tested security features for ABS in 2-wheelers, ensuring data integrity and breach protection.
- Implemented secure access and flashing for safe vehicle software updates and configurations.
- Secured in-vehicle communication with encrypted and tamper-proof data transmission.
- Protected hardware interfaces with measures against unauthorized access to vehicle systems.
- Enabled secure feature activation for authorized personnel only.

Pravinya

Jan 2023 – July 2023

Web Development Intern

- Designed and implemented a Leave and HR module for Nirani Sugars Ltd.
- Utilized Django for backend development and HTML, CSS, and JavaScript for frontend technologies.
- Reduced manual effort in tracking employee attendance and leave applications.
- Enabled basic CRUD (Create, Read, Update, Delete) operations through the web page.

Education

KLE Technological University

May 2019 – June 2023

Bachelor of computer Science

CGPA 8.5

Dr R B Patil Mahesh PU College

May 2017 – April 2019

Bachelor of computer Science

Percentage 96.67

Certifications

1. **Web Development Bootcamp 2023**, Udemy.
2. **Python for Everybody**, Coursera.
3. **Professional Communication**, Coursera.
4. **Network Security Associate 1 and 2**, Fortinet.

Projects

RailData Manager

- Designed a web page for Southwestern Railways using React.js, Node.js (with Express.js), and MySQL.
- Digitized data management for multiple offices across Hubli division stations.
- Reduced manual work by converting physical registers into digital records.

Volatility Prediction

- Developed models to predict stock price volatility, aiding in market efficiency and fairer pricing.
- Utilized regression models to enhance prediction accuracy.
- Applied boosting techniques to further improve model performance.
- Enabled investors to make informed decisions based on stock volatility.