

# Ravi Chalmar

Aspiring Software Developer | Web Developer | AI & Cloud Enthusiast | React & Python Developer

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GitHub: [github.com/Ravi8855](https://github.com/Ravi8855)

Location: Mysuru, Karnataka

## Objective

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Highly motivated Computer Science Engineering student seeking a Software Development / Web Development internship. Skilled in Python, React.js, Node.js, and Cloud Computing with hands-on experience in building scalable web applications and AI tools. Passionate about accessibility-focused technology and problem-solving.

## Education

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### Bachelor of Engineering – Computer Science

2022–2026

VTU Center for PG Studies, Mysuru

CGPA: 8.2 / 10 (till 6th semester)

### PU Science

2020–2022

Bendre PU Science & Commerce College, Dharwad

Percentage: 83%

### SSLC

2019–2020

Morarji Desai Residential School, Shahapur

Percentage: 82%

## Technical Skills

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**Programming:** Python, Java, C++, C

**Frontend:** React.js, HTML, CSS, JavaScript, Responsive UI

**Backend:** Node.js, Express.js

**Database:** MySQL, MongoDB

**Cloud & DevOps:** AWS EC2, Apache2, Git, GitHub, Linux

**Tools:** Selenium, Tableau

**Other:** RESTful APIs, Agile Methodology, Debugging, Problem Solving

## Projects

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### VTU Mysuru Canteen Web Platform

*Tech Stack: React.js, Node.js, MySQL*

- Built a full-stack platform supporting menu browsing, online ordering, and digital payment flow.
- Improved operational efficiency by 40% with automated backend workflows.
- Implemented responsive UI and real-time updates.

### Hospital Management System

*Tech Stack: React.js, Node.js, MySQL*

- Developed modules for patient registration, doctor scheduling, and billing.
- Implemented role-based authentication and relational database design.
- Added automated notifications and real-time tracking.

### Sign Language Communication Toolkit (Ongoing)

*Tech Stack: React.js, Node.js, AWS EC2, HTML/CSS/JS*

- Created a tool converting speech/text to animated sign language using 3D-based UI.
- Integrated ISL learning module with progress tracking.
- Deployed on AWS EC2 for scalable public access.

## Certifications

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- Oracle Certified Foundations Associate – Cloud Infrastructure
- Green AI, Machine Learning & Data Science – Edunet Foundation
- Infosys Generative AI Foundations Certificate
- Software Engineering Job Simulation – REST API, Kafka, Microservices

## Strengths

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Strong problem-solving and debugging

Fast learner and adaptive

Good communication and teamwork skills

Ability to work independently with minimal supervision

## Additional Details

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**Areas of Interest:** Web Development, Software Engineering, Cloud Deployment, AI Tools

**Languages:** English, Kannada, Hindi, Marathi, Lambani

## Reference:

yogesh@vtu.ac.in