

HARI KOPPINEEDI

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Profile

Computer Science graduate with progressive experience in full-stack development using Python, Flask, React, and MySQL. Skilled in building scalable web applications, RESTful APIs, and responsive UIs within agile, cloud-based environments.

Education

The ICAI University Raipur

B. Tech in Computer Science and Engineering

Relevant Courses: C, Python, Java, DBMS, Data Structures and Algorithms

Aug 2020 – May 2024

CGPA: 8.6/10

Sasi Junior College

Intermediate (MPC - Mathematics, Physics, Chemistry)

Jun 2018 – Mar 2020

CGPA: 9.28/10

Skills

- **Languages:** Python, JavaScript, C
- **Frameworks/Technologies:** Flask, Django, React, HTML5, CSS3, REST APIs, MS Word, MS Excel, PowerPoint
- **Databases:** MySQL, SQLite
- **Tools:** Git, GitHub, Postman, VS Code, Bootstrap, Netlify, AWS
- **Testing:** Manual Testing, API Testing - Postman
- **Methodologies:** OOP, Agile
- **Languages Spoken:** English, Hindi, Telugu

Experience

Hackveda Limited

Jan 2024 – May 2024

Full-Stack Web Developer Intern

- Engineered a medical appointment booking platform using Flask and MySQL, reducing average appointment time by 50% and boosting user interaction by 30%.
- Designed normalized MySQL schemas for user and doctor authentication; optimized queries, cutting booking-related latency by 20%.
- Integrated end-to-end scheduling flow across 3 modules, reduced booking errors by 25% through real-time validation.
- Supervised resolution of 12+ Git conflicts on a Linux server, streamlined pull request management utilizing GitHub Actions and cloud computing services, and upheld a 95% test pass rate across all sprints, resulting in zero critical bugs.

Projects

Crime Prediction

Jan 2024 – Mar 2024

Engaging and Responsive Crime Prediction Dashboard

- Constructed a predictive analytics tool using Django to analyze and forecast criminal activity trends based on location and time using real dataset sets of around 20000+ rows.
- Refactored SQL queries and Django views, improving dashboard load speed by 30%.
- Orchestrated 6+ interactive data charts using Chart.js, boosting user insight accuracy by 40%.
- Initiated modular routing for a seamless UI; achieved a score of 92/100 in internal usability testing.

Interactive Address Book Website

- Directed a 5-member team fostering collaboration and clear communication to develop a full-stack contact management system with CRUD operations and MD5-authenticated login.
- Developed 5+ RESTful API endpoints enabling CRUD operations across contact records, improving backend efficiency by 30%.
- Implemented 5 distinct Chart.js visualizations, each featuring customizable filters and drill-down capabilities, resulting in a 40% improvement in user data interpretation accuracy across the platform.
- Managed version control workflows across sprints, resolving 10+ Git conflicts and maintaining a test pass rate of above 90%.

Certifications

- Git and GitHub for Beginners – Udemy
- Python Programming – Udemy
- AWS Fundamentals: Core Services – COSS Institute

Achievements & Awards

- Led an 11-member team to victory in the Inter-college Cricket Cup, demonstrating leadership and strategic coordination.
- Secured 1st out of 100+ gamers in two LAN gaming competitions, recognized for tactical gameplay.
- Ranked 1st out of 300+ participants in the Chekumukhi District Science Talent Test for general science aptitude.
- Achieved the highest rank among students from 50+ schools in the Ramanujan District-Level Mathematics Talent Test.