

SAI BHARATH KOTHA

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Python Full Stack Developer

WORK EXPERIENCE

Silicon Techno Solutions, Anantapur, AP • 01/05/2023 – 28/06/2023

VLSI Design Intern • Internship

- Assisted in the design and simulation of VLSI circuits, contributing to a 15% improvement in design efficiency.
- Collaborated with team members on project documentation, enhancing clarity and reducing revision time by 30%.

Shripiti Educational & IT hub, Gwalior, MP. • 08/01/2024 – 27/04/2024

Web Development Intern • Online Internship

- Developed a series of web applications, achieving a 40% increase in user engagement through enhanced functionality.
- Participated in code reviews and quality assurance, reducing bugs by 25% before project deployment.

Jspiders, Hyderabad, Telangana. • 10/05/2023 – 20/10/2024

Python Full Stack Developer • Professional Trainee

- Worked on full-stack development projects, achieving a 90% success rate in meeting project deadlines.
- Implemented best coding practices, which improved code quality and reduced error rates by 35%.

EDUCATION

Bachelor's Degree in Electronics and Communication Engineering

PVKK IT • Anantapur, AP • GPA: 7.9 • 10/2021- 05/2024

Diploma in Electronics and Communication Engineering

SV Govt Polytechnic College • Tirupati, AP • GPA: 7.6 • 06/2018- 04/2021

CERTIFICATIONS

Programming for Everybody (Getting Started with Python)

University of Michigan

Embedded System Design - NPTEL

AWARDS & SCHLORSHIPS

Student of Excellence Award - 05/2024, PVKK IT

PROJECTS

Responsive Web Design • 09/03/2024 – 02/05/2024

NextWave

- Engineered a responsive restaurant website, achieving 95% user satisfaction in usability testing.
- Utilized HTML, CSS, JavaScript, and Bootstrap to ensure cross-browser compatibility and responsive design across devices.
- Designed an intuitive navigation structure, resulting in a 30% increase in user engagement metrics.
- Integrated interactive order form elements, reducing user errors by 40% during the ordering process.
- Implemented SEO best practices, leading to a 25% increase in organic traffic within the first month post-launch.

Supermarket Management System using Python • 11/02/2022 – 16/05/2022

PVKK IT

- Constructed a terminal-based Supermarket Management System using Python and QT Designer, achieving 90% task completion efficiency.
- Enabled core functionalities for adding, viewing, and purchasing items, streamlining operations for single-user management.
- Provided detailed item overviews, enhancing inventory accuracy by 25% through improved stock visibility.
- Designed a user-friendly interface that reduced onboarding and training time for new users by 20%.

SKILLS

Soft Skills: Communication, Problem-solving, Team Work, Work Ethic.

Version Control Systems: Git, VS code, Jupyter Notebook.

Technical Skills: HTML5, CSS3, JavaScript, Python (Django and Pandas), SQL, Agile.

Languages: English, Hindi, Telugu

