Kanugula Shivashanker

✉ shivashanker7337@gmail.com | 📞 07867034729 🏠 FLAT 3, 136 NINIAN PARK ROAD,CARDIFF ,CF11 6JE

in http://www.linkedin.com/in/shiva-kanugula-51a512252

https://github.com/shivas1432   https://www.instagram.com/ss_web_services/

https://shivashankerportfolio.netlify.app/

Professional Summary:

Highly skilled Full-Stack Web Developer specializing in React, Node.js, Express, and MySQL, with a strong focus on building scalable, high-performance applications. Experienced in API integrations, authentication (OAuth 2.0, JWT), and cloud deployment across GCP, AWS, Netlify, and Render. Passionate about performance optimization, database efficiency, and leveraging data analysis (Python, SQL) to drive insights. A problem-solver with a keen analytical mindset, dedicated to staying ahead of modern web technologies and delivering seamless digital experiences.

Work Experience:

Nexus Software System, Pune   Nov2019 – Nov2020

Data Analyst Intern
- Prepared and transformed large datasets using Excel, SQL, and Python (Pandas, NumPy) for accurate analysis.
- Designed insightful dashboards and performance reports with Power BI and Tableau.
- Developed efficient SQL queries to extract and analyze complex data sets.
- Automated routine reporting tasks using Python scripting and Excel VBA, improving efficiency.
- Partnered with cross-functional teams to deliver actionable, data-driven insights.

Infinite Tech solutions ,Pune   Jan 2021 – Jun 2022

Backend developer

- Developed and optimized backend systems using Node.js, Express.js, and Python (Django, Flask), ensuring high performance and scalability.
- Created and integrated RESTful APIs to streamline communication between web and mobile applications, enhancing user functionality.
- Led the design and management of MySQL databases, focusing on data integrity, performance optimization, and seamless data handling.
- Conducted extensive testing and troubleshooting to ensure backend services were secure, reliable, and scalable under high traffic conditions.
- Collaborated with cross-functional teams to deliver comprehensive end-to-end solutions, aligning technical development with business needs.

Skills:

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, jQuery, SASS, EJS

Backend: Node.js, Express.js, RESTful APIs, MySQL, MongoDB, PostgreSQL (Basic)

Authentication & Security: Passport.js, JSON Web Tokens (JWT), OAuth 2.0, bcrypt

Cloud & Hosting: Google Cloud Platform (GCP), AWS (EC2), Render, Netlify, Vercel, InfinityFree .

Tools & Platforms: Git, GitHub, Postman, Visual Studio Code, NPM, Heroku

Programming Languages: Python, Java, C/C++ (Basics).

Key Projects:

Real-Time Car Wash Booking Web Application

Tech Stack: React, Node.js, Express.js, SQL, CSS, OAuth 2.0, Google APIs, AI Integration

- Built a full-stack car wash platform with manual and Google login, secure payment, and real-time booking capabilities.

- Enabled users to create profiles, manage multiple vehicles, and book services by selecting date, time, and wash type.

- Integrated AI-powered assistance to provide real-time service info and support.

- Implemented booking history tracking, review system, and a multi-channel help center.

- Developed a responsive UI for seamless experience across devices.

Personal Portfolio & Interactive Resume

Tech Stack: React, Node.js, Express.js, SQL, CSS, OAuth 2.0, Google APIs, news APIs, AI Integration

- Built a dynamic, self-updating portfolio to showcase skills and projects with real-time customization and an admin dashboard.

- Integrated smart UI features like light/dark mode, time-based greetings, and live weather updates.

- Developed an AI-powered chatbot for visitor support and FAQs.

- Enabled secure login via Google OAuth, manual registration, and guest mode.

- Added live news feed and background customization for a personalized experience.

- Implemented full CRUD operations to update content (projects, experience, etc.) without touching the codebase.E-Commerce Backend API (Node.js, MySQL, CSS)

E-Commerce Backend API

Tech Stack: Node.js, MySQL, Express, JWT Authentication, Laravel Mix

- Engineered scalable backend APIs to support user authentication, product listings, and order processing.

• Integrated JWT authentication and encrypted user credentials to ensure secure transactions and protect sensitive data.

• Designed and optimized a structured MySQL database schema for efficient data retrieval, boosting API performance and scalability.

Frontend Development Showcase

Tech Stack: HTML, CSS, JavaScript,Bootstrap, Jquery, Scss, Ejs

• Created 10+ interactive UI projects with a focus on responsive design, animations, and user experience.

• Developed modern landing pages with smooth animations, ensuring cross-browser compatibility.

• Built dynamic dashboards with real-time data visualization and advanced form validation.

Additional Projects and Assignments:

• **Location Privacy in Mobile Cloud Computing:** Developed a privacy-preserving framework for secure task allocation in mobile cloud environments.

• **Geospatial Analysis:** Used Python and ArcGIS for spatial data processing to solve geographic challenges and support data-driven decisions.

• **End-User Computing Risk Management:** Assessed and mitigated IT security risks, strengthening data protection in corporate environments.

• **Software Development & Project Management:** Applied Agile methodologies to optimize workflows and ensure on-time project delivery.

Education:

Master of Science in Advanced Computer Science   Sept 2022 – Jan2024

Cardiff Metropolitan University   Percentage: 65% | Credits:180/180

Bachelor of Technology in Computer Science and Engineering   Aug2016 – Dec2020

Vaagdevi Engineering College   CGPA:6.7/10

Intermediate (12th Grade)   (94%) SR Junior College | 2016

Secondary School Certificate (SSC)   (CGPA: 9.5/10) Little Soldier Concept School | 2014

Certifications:

Full-Stack Web Development (Udemy) – Mar 2024

Cybersecurity Fundamentals & Network Defense – Cisco Certified (Jan 2023)

TCS iON Career Edge - Young Professional | Tata Consultancy Services (TCS iON) – Feb 2022

• Strengthened communication skills through presentations and group discussions.

• Gained expertise in soft skills, career guidance, and professional etiquette.

• Developed proficiency in email writing, interview techniques, AI, SQL, and accounting basics.