GOTTUMUKKALA PUJITH KRISHNA VARMA

gpkvarma445@gmail.com | 7674803393 | Vizianagaram
LinkedIn: https://www.linkedin.com/in/gottumukkala-pujith-krishna-varma

OBJECTIVE

A highly motivated and detail-oriented Computer Science undergraduate seeking an opportunity to apply my technical expertise, analytical skills, and problem-solving abilities in a dynamic environment. Passionate about data science & full-stack development and emerging technologies, I aim to contribute to innovative projects, enhance my skill set, and collaborate with teams to develop impactful and scalable solutions.

EDUCATION

Bachelor of Technology in Computer Science & Engineering *2021-2025* | CGPA: 8.65
Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam, Andhra Pradesh

Intermediate
Tirumala Junior College, Visakhapatnam, Andhra Pradesh *2021* | CGPA: 9.11

SSC (10th Grade)
Ravindra Bharathi School, Vizianagaram, Andhra Pradesh *2019* | CGPA: 9.3

TECHNICAL SKILLS

Programming Languages: Java, Python
Frontend Technologies: HTML, CSS, JavaScript, React.js.
Libraries/Frameworks: Numpy, Pandas, Spring Boot.
Databases: SQL, MongoDB.
Tools & Platforms: Figma, Power Bi, Git & GitHub.

INTERNSHIPS

Java Programming Internship-Demy Software Solutions (06/2023 – 07/2023)
I designed and developed a fully functional online book store web application, implementing core Java concepts such as object-oriented programming, exception handling, and file handling. I also worked on integrating the front-end UI with back-end Java logic to ensure seamless user interactions. This experience provided hands-on exposure to web development and database management, enhancing my technical skills in building and managing web.

Java Full Stack Development Internship-Demy Software Solutions (07/2024 – 10/2024)
I built Restro Press, a feature-rich food ordering website that allowed users to browse menus, place orders, and make payments. I also developed a personal portfolio website to showcase my skills, projects, and resume. Throughout this internship, I worked extensively with frontend technologies like HTML, CSS, JavaScript, and React.js, as well as backend technologies such as Java, Spring Boot, and SQL.

PROJECTS

Intelligent Cloud-Based Information Retrieval for Keyword Searches
Developed Cloud Nimbus Search Engine, an AI-powered search platform designed to enhance user experience by addressing limitations of traditional search engines. Built using React.js and Node.js with Express.js, it provides a scalable and efficient search experience. The platform supports Voice and Visual Search, AI-driven Summarization, and Text and Image-Based Search. Hybrid PageRank and Random Surfer models improve search accuracy, while security features like Search Query Filtering, End-to-End Encryption, and Multi-Language Translation enhance usability and privacy.

Cardiovascular Disease Prediction
Implemented and compared multiple classification algorithms including Logistic Regression, Random Forest, XGBoost, and Support Vector Machine (SVM) to optimize predictive performance. Utilized libraries such as Pandas, NumPy and Matplotlib for data handling, model training, and visualization. Achieved [insert metrics, e.g., 87% accuracy, 0.84 precision, 0.81 recall, and 0.85 F1-score] on the test dataset, demonstrating strong predictive capabilities.

CERTIFICATES

Data Science for Engineers - NPTEL
Full Stack Web Development Bootcamp with Mern Stack Projects - Udemy
Machine Learning for Engineering and Science Applications – NPTEL

ACHIEVEMENTS

Secured a prize in Codathon conducted by NSRIT.
Participated in the Internal Hackathon of Smart India Hackathon (SIH).