FNU Anuja
www.linkedin.com/in/fnuanuja | fnuanuja25@gmail.com | +1(945) 274-8901

EDUCATION

MS, Software Engineering   **August 2023 – May 2025**
University of Texas at Dallas, USA   **GPA: 3.6/4.0**
Electronics & Communication Engineering (Bachelors)   **August 2017 – August 2021**
Visvesvaraya Technological University, India   **GPA: 3.6/4.0**

PROFESSIONAL EXPERIENCE

Software Engineer, ACCENTURE, INDIA   **August 2021 – July 2023**

- Collaborated with cross-disciplinary teams to develop and deploy scalable data solutions, improving system efficiency by 30% and ensuring seamless integration across platforms.
- Developed and maintained enterprise-level applications using Java, Spring Boot, and ReactJS, Scala resulting in improvement in system efficiency.
- Designed and implemented RESTful APIs, enabling seamless communication across distributed systems, and reducing latency.
- Optimized database queries using MongoDB and MySQL, improving data retrieval speed by 40%.
- Leveraged Agile methodologies within a Scrum-based environment, achieving a consistent on-time project delivery rate and enhancing team efficiency.
- Enhanced UI/UX with JSP/Servlets, leading to a 25% increase in user engagement.
- Conducted software design modeling and system architecture planning, reducing software defects by 30%.
- Developed data visualization dashboards in Tableau and Microsoft Excel, improving business decision-making speed and efficiency by 40%.
- Took charge of onboarding three new colleagues, successfully training them within a week to ensure a smooth transition into their roles.

Intern, TATA STEEL, INDIA   **June 2019 – August 2019**

- Developed a dynamic and responsive portfolio website using ReactJS and JavaScript, improving site performance by **35%**.
- Integrated cloud services and third-party APIs to improve functionality, including dynamic content updating, improved performance, and better user interactions.

SKILLS

- Programming Languages: Python, Java, Kotlin, SQL, C++, Scala, JavaScript, Spring Boot, Android development.
- Web Development: Agular, React, Node.js, Express.js, REST APIs
- Technologies and Tools: Tableau, Microsoft Excel, MySQL Workbench, GitHub, Git, VS Code, AWS, DevOps
- Machine Learning & AI: Decision Trees, Predictive Modeling, Gen AI, Prompt Engineering
- Databases: MySQL, MongoDB, PostgreSQL Data Pipelines.
- Software Development: Agile, SDLC, Software Architecture design, Requirement analysis, Use case description.
- Soft Skills: Communication, Teamwork, Problem solving.

MAJOR PROJECTS:

Cargo Connect: Improving Airport Freight Flow (Ongoing project)

- Conducted project planning, feasibility analysis, requirements gathering, and architecture design, ensuring a strong foundation for development.
- Developing a real-time freight truck tracking system integrated with airport logistics, improving operational efficiency.
- Implementing DALI-based route optimization with live GPS tracking and predictive scheduling to enhance freight efficiency.
- Designing a RESTful API architecture to enable smooth communication between freight trucks, airport systems, and cloud infrastructure.
- Utilizing Spring Boot and ReactJS for a scalable and interactive web-based dashboard.
- Improving security by implementing OAuth-based authentication and secure data transmission protocols.

Churn Prediction Model   **October 2024 – December 2024**

- Designed a Decision Tree model that predicted Customer Churn with 69% accuracy in classifying high-risk customers.
- The model focused on key factors like contract type, internet service, and tenure that drive targeted retention strategies for the 31% of customers driving 63% of overall churn.
- Performed comprehensive analysis on telecom customers, pulling out key insights such as the high churn rate within Fiber Optic internet users at 42%. These insights helped to take actionable strategies to reduce the overall 27% churn rate.
  Technologies used: Python, R, Decision tree algorithm, Confusion metrics.

CERTIFICATIONS:

- Oracle Cloud Infrastructure 2023 Certified Foundations Associates
- Salesforce Certified AI Associate
- AWS APAC Solutions Architecture virtual experience program on Forage - March 2025