Subhash Basavaraja Gowda

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Frontend-focused software developer with 2+ years of experience in building scalable, user-friendly web applications using React.js, RESTful APIs, and Python. Skilled in designing responsive interfaces and optimizing performance. Proven contributor in Agile environments with a passion for clean UI/UX and efficient teamwork. Open to opportunities across Europe or remote.

EXPERIENCE

Frontend Developer | Tata Consultancy Services (TCS), Bangalore, India | Mar 2024 – Oct 2024

- Developed responsive UI components for the PNC Banking platform using React.js.
- Integrated FastAPI-based backend services and improved UI performance by 30% through iterative testing.
- Collaborated with backend and QA teams using Agile methodologies.
- Maintained version control and peer-reviewed code using GitHub.

Full Stack Developer (Frontend Focus) | HRM IT Solutions, Košice, Slovakia | May 2022 – Feb 2024

- Built and maintained dynamic user interfaces in React.js for HR platforms.
- Enhanced mobile responsiveness and improved page load speeds by 25%.
- Worked in Agile sprints, collaborated across teams, and integrated backend APIs.
- Ensured cross-browser and cross-device compatibility.

EDUCATION

Master of Science in Data Analysis and Artificial Intelligence | Pavol Jozef Šafárik University, Košice, Slovakia | **2024 – Present**

- **Relevant Courses**: Machine Learning | Data Mining | Artificial Intelligence | Statistical Analysis

Bachelor of Engineering in Computer Science | RYMEC, Bellary, India | CGPA: 7.8 | **2019 – 2023**

- **Relevant Courses**: Operating Systems | Database Management | Web Technologies | Data Structures

PROJECTS

Whale Stack – Vendor Management App | React.js, Node.js, MongoDB, Google Maps API

- Designed and developed a vendor management platform that dynamically assigns orders based on vendor proximity and ratings. Integrated Google Maps API for real-time location tracking, improving order allocation efficiency by 40% and streamlining vendor coordination.

Online Voting System with Facial Recognition | Python, OpenCV, Machine Learning

- Created a secure online voting platform featuring real-time facial recognition for voter authentication. Leveraged OpenCV for image processing and machine learning for face verification, eliminating password-based logins and enhancing election integrity through one-person-one-vote enforcement.

Customer Churn Prediction Using Neural Networks | Python, TensorFlow, Keras, Data Science

- Developed a binary classification model using a feedforward neural network to predict customer churn on the Telco dataset. Applied one-hot encoding, feature scaling, and model tuning, achieving 80.27% accuracy on test data. Evaluated performance through learning curves and proposed future enhancements including dropout layers and SHAP-based model interpretation.

SKILLS

Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: React.js, Node.js, FastAPI, TensorFlow, Keras, OpenCV
Databases: MSSQL, MySQL
Tools & **Platforms**: Git, GitHub, Postman, Google Maps API, Visual Studio Code
Data Science & ML: Data Cleaning, Feature Engineering, Data Analysis, Neural Networks, Machine Learning, Model Evaluation
Web Development: REST API Integration, Responsive Web Design, UI/UX Principles
Methodologies: Agile Development, Cross-Functional Collaboration, Customer-Centric Design

CERTIFICATIONS

AWS Certified Cloud Practitioner | Honeywell **Completion Date: 24 February 2023**

RESEARCH & ONGOING LEARNING

Agent-based AI with Fetch.ai uAgents Framework | Current

- Exploring decentralized agent-based architectures using the Fetch.ai ecosystem.
- Building proof-of-concept agents with the uAgents protocol, integrating Web3 APIs and OpenAI services.
- Investigating agent communication, wallet-based identity, and coordination protocols as part of MSc thesis planning.
- Laying the groundwork for thesis research in multi-agent systems and autonomous coordination.

Time Series Analysis & Stochastic Processes | Current

- Self-learning core concepts in time series modeling including ARIMA, ACF/PACF, and spectral density.
- Studying as part of MSc coursework in Data Analysis and Artificial Intelligence.
- Exploring core topics including ARIMA models, ACF/PACF, stationarity, and spectral density.
- Linking foundational theory to reinforcement learning and predictive agent design.