Deekshith Sagar Rangapuram

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Education

University at Buffalo, The State University at New York   Aug. 2023 – May. 2025
Master's of Science in Computer Science, GPA: 3.8   *Buffalo, New York*

Jawaharlal Nehru Technological University   Aug. 2016 – May. 2020
Bachelor's of Science in Computer Science, GPA: 8.68   *Hyderabad, India*

Technical Skills

Programming Languages: Python, R, Java, C/C++, C#, Golang, MySQL, TypeScript, Dataweave, Bash.
Web Technologies:HTML/CSS, JavaScript, Node.js, React, JSON, YAML, XML.
Developer Tools:: Okta, Postman, GitLab, Jenkins, Jira, Maven, GitHub, JUnit, Docker, Load Balancers, OAuth, SAML.
SaaS Apps:MuleSoft, AWS, Salesforce, Azure DevOps, Anypoint Runtime Manager, Apache Kafka, Hadoop, Spark.
Frameworks: Scikit-Learn, Matplotlib, Numpy, Pandas, Flask, TensorFlow, PyTorch, Keras, gRPC, GraphQL.

Experience

The Integrity Company   May. 2024 – Present
Software Engineer Intern(Full Stack)   *Ocean Side, California*
- Deployed automation solutions in Salesforce CRM, optimizing workflows and enhancing operational efficiency.
- Implemented algorithms for pre-appointment tasks and automated post-job communication processes.
- Designed and developed a database and a full-stack website to manage and place jobs for the portal.

University at Buffalo   Feb. 2024 – Apr. 2024
Research Assistant(AI Security Innovations)   *Buffalo, New York*
- Pioneered the integration of Transformers to enhance 'Sven's' ability to identify complex security vulnerabilities.
- Utilized advanced LLMs to boost 'Sven's' analytical capabilities, ensuring security in vulnerability assessments.

NTT Data (Apisero Inc)   Aug. 2020 – Aug. 2023
Software Engineer / Senior Lead Engineer   *Hyderabad, India*
- Engineered a MuleSoft-Datadog connector for Indeed, boosting job portal efficiency by 50% and saving $300K annually.
- Led the modernization of 30% of legacy APIs to Salesforce UI, enhancing system integrations and testing across platforms like Workday and AWS.
- Orchestrated the deployment of CI/CD pipelines for AWS and Kubernetes, improving deployment processes.
- Streamlined cloud-based integrations using MuleSoft at Companion Protect, elevating Salesforce-MSSQL synchronization efficiency by 99% and saving $100K per year.
- Refined Dataweave and Python scripts, reducing production errors by 20% and strengthening security protocols.

EPAM Systems   Jan. 2020 – Jun. 2020
Software Engineer Intern   *Hyderabad, India*
- Devised and implemented a Java and C# based e-commerce solution, using .NET and Agile methodologies, which enhanced design functionality.
- Constructed a comprehensive testing framework with TestNG and Selenium, significantly boosting automation efficiency and system reliability.

Projects

Deep Fake Detection System | *PyTorch, ResNet, Ensemble Models*   Mar. 2024
- Designed and continually enhanced a model to detect manipulated media, supporting integrity in digital content.

Autoencoder for Anomaly Detection | *Python, Autoencoders*   Jan. 2024
- Automated defect detection in manufacturing, reducing manual inspection and improving error detection efficiency.

Time-Series Forecasting with RNNs | *Python, RNN, LSTM*   Nov. 2023
- Developed models to predict energy usage patterns, aiding utility companies in resource and grid optimization.

Sentiment Analysis Using LSTM | *Python, LSTM, NLP*   October 2023
- Analyzed customer sentiment from social media data, achieving over 90% accuracy to improve marketing strategies.

Leadership / Extracurricular

- **Smart India Hackathon:** Directed a team to build an ML web App with Prophet for forecasting cotton prices.
- **Virtusa Hackathon:** Ranked among top 100 participants in national-level hackathon "Neural Hack Season 3".
- **ACM-ICPC:** Competed in ACM-ICPC CodeChef contest representing college.