ABHISHEK SRIKANTH

M.S. Computer Science Grad Student @ Purdue University

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PROFILE

I am a M.S. Computer Science graduate student seeking a summer internship opportunity. I am also an experienced software engineer with a proven track record of developing and maintaining critical features and services. I have advanced skills in various technologies such as Python, JavaScript, Django, Linux packaging, and Git. I have successfully led and mentored Scaled Agile teams.

EDUCATION

M.Sc. Computer Science, Purdue University, Fort Wayne, Indiana
July 2023 -May 2025

B.Tech. in Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, India.
CGPA: 8.2/10.0
July 2017 - July 2021

WORK EXPERIENCE

Software Engineer - BETSOL, India

January 2023 - July 2023

- Excelled as a full-stack developer at Zmanda, working on the design, development, and maintenance of pivotal features, services, and proof of concepts using Django, React JS, and Bash.
- Successfully resolved numerous critical production bugs with exceptional efficiency, minimizing downtime and ensuring product stability.
- Contributed to Amanda Community (Open-Source) and Enterprise editions.
- Lead the Build and packaging team responsible for building, packaging, and delivering the product. Built Gitlab and Jenkins pipelines to build Linux packages for Python, C, Perl, and Golang applications.
- Developed and executed project plans for several program Increments within the Scaled Agile framework, ensuring alignment with overall project goals and objectives.

Associate Software Engineer - BETSOL, India

July 2021 - December 2022

- Worked as full stack developer for Zmanda. Developed and maintained monitoring features to monitor critical jobs and workflows on the product.
- Designed and worked on multiple Proof of Concepts, including

SKILLS

Python	Javascript
Django	React JS
Linux	Git
Tensorflow & Keras	Deep Learning
REST APIs	Open Source Development

CERTIFIED COURSES

Open Source Software Development Methods - The Linux Foundation

Linux for Developers - The Linux Foundation

How Google does Machine Learning - Google Cloud

Neural Networks and Deep Learning - DeepLearning.AI

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - DeepLearning.AI

AWARDS

Spot Award - Jan 2022

Team Excellence - Oct 2022

Above and Beyond - Jan 2023

Disaster Recovery and Global Data De-duplication.
- Experienced in collaborating with cross-functional teams and working with the technical support team to quickly resolve production bugs reported by a large user base.
- Mentored interns to work on various services of the product.
- Gained proficiency in various technologies including Python, JavaScript, Bash scripting, React JS, Django framework, Flask, RPM packaging, DEB packaging, and git repository maintenance.

INTERNSHIPS

Software Engineer Intern - BETSOL, India

March 2021 - July 2021

- Worked as a back-end developer intern for Zmanda
- Responsible for designing and implementing critical RESTful APIs utilizing the Django framework.
- Successfully created monitoring systems that enabled users to monitor all critical jobs within the product seamlessly.

Data Analysis Intern - National Institute of Ocean Technology, India

January 2020 - February 2020

- Analyzed Arctic data, including Sound Speed Profiles, Salinity, Temperature, and Wind Speed, utilizing unsupervised clustering techniques (K-Means, DBSCAN, Agglomerative)
- Implemented supervised learning methods to predict vessel movement in the Arctic region through analysis of Sound Speed Profiles.
- Utilized visualization techniques to effectively communicate clusters and data point relationships in the analyzed data.

PUBLISHED RESEARCH PROJECTS

A Genetic Algorithm Based System with Different Crossover Operators for Solving the Course Allocation Problem of Universities. 🔗

- Comparison of various cross-over types and mutations to arrive at an optimal solution.
- Published in: New Trends in Computational Vision and Bio-inspired Computing. ICCVBIC 2018

ACADEMIC PROJECTS

- Object detection in images using deep convolutional neural networks.

- Sentiment analysis using LSTM models on live chat application as part of the 24|7.AI's program.

- Chatterbot-based chatbot for finding credit card discounts on e-commerce websites.

LANGUAGES

- English

- Tamil