Prasanth Thomas Shaji

Computing, Distributed Systems, Application Programming

I am experienced in distributed systems, application programming, computer architecture, embedded systems, and computational thinking. I enjoy programming on *nix systems

Education

August 2021 - *2023*   Uppsala Universitet

Masters Programme in Computer Science   *currently pursuing*
Training Neural Networks in Embedded Devices   Masters Thesis @ Scania
Reverse engineering (Yocto/Buildroot) Linux environments in custom i.MX6 embedded boards
Benchmarking ANN training implementations in C / C++ / Rust / PyTorch and more

July 2013 - June 2017   NIT Calicut, India

Bachelor of Technology in Computer Science & Engineering   7.85
Secure Distributed Hash Tables   B-Tech Project
An implementation of a *distributed hash table* using Raft as the *consensus protocol* and utilising a cryptographic scheme to prevent *sybil attacks*

Experience

I maintained ad-serving systems, developed SDK integrations for Facebook (Meta Business Partner) product, migrated components from PHP to Java, configured *system orchestration* via puppet , and moved the primary *data pipeline* from Softlayer to AWS

September 2018 - February 2020   Affle (acquired Vizury**TM**)

Software Engineer Brand acquired by Affle Pvt Ltd. Maintained Vizury AdTech platform in a 4 person team, migrated the Kafka data-pipeline over to AWS, lead FB Ad Solutions

July 2017 - August 2018   Vizury

Software Engineer I Developed features for a *FinTech CDP* app, worked on migration efforts across *cloud service providers*, set up *DevOps CI/CD* setups, codebase migrations

I have some freelance experience developing on GitLab, GCP, and the MERN stack. I have several hobby projects in Swift-iOS, Java-Android, and currently enjoy learning Rust

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