Anugrah Kumar

Sacramento, CA ● (480) 738-0570 ● anugrah18@gmail.com ● LinkedIn: https://www.linkedin.com/in/anugrah-kumar/

Software Engineer

Dedicated software engineer with 5+ years of demonstrated programming experience in computer software industry. Specializing in full stack web applications, desktop applications and automation tools. Strong background in software development, back-end engineering and computer graphics through industry experience and academic projects. Track record of high-performance in delivering high-quality, cost-effective software development solutions that meet customer business requirements.

PROFESSIONAL EXPERIENCE

Software Engineer
Polysign, San Francisco, CA   July-2021 to present

- Developed various microservices using Flask (Python) for a trustless peer-to-peer network secured by a private blockchain which can be used for various financial services such as trading digital assets, KYC etc.
- Assisted in developing various blockchain based client utilities used for signing and authentication of orders that are broadcasted among various nodes.
- Designed and developed microservice used for management and transaction of digital assets (bitcoin) held by custodian.

Software Engineer
Intel Corporation, Folsom, CA   August-2017 to June-2021

- Lead Developer of an automation tool used globally across multiple sites for packaging, testing and deploying firmware components to external customers using React.js, Django(Python) for Web application with estimated time save of 600 hours monthly.
- Responsible for development of backend API for Chatbot application used by customers for inquiring firmware information using Django(Python) and used Redis for caching.
- Developed a web application in React.js and Django(Python) used for debugging by decoding and visualizing logs related to various firmware components.
- Responsible for full stack development of a single page website using ASP.NET MVC 5 and React.js for monitoring and diagnosing issues related to employee systems worldwide.

Software Engineer
Intel Corporation, Folsom, CA   June-2016 to August-2017

- Developed tools used for pre-silicon level DirectX driver based validation and debugging using C#.
- Developed test content for GPU drivers using DirectX.
- Developed web-based application using jQuery and D3.js for data visualization of the GPU test content data which improved the overall analysis and debugging process of the team.

TECHNICAL SKILLS

Front End: React.js, Angular, Tkinter, WinForms, jQuery, HTML/CSS
Back End: Flask, Django, Node.js, Express, ASP.NET, Entity Framework
Database: PostgreSQL, Microsoft SQL server, MongoDB, Redis
Programming Languages: Python, JavaScript/Typescript, C#, C++, R
Tools & Technologies: AWS, Docker, Kubernetes, Git, JIRA, Selenium, Pytest, Jest, D3.js, Power BI, WMI, Adobe Photoshop/ Illustrator
Certifications: AWS Certified Cloud Practitioner

EDUCATION

Master of Science in Computer Science   2016
Arizona State University, Tempe, AZ

Bachelor of Technology in Computer Science and Engineering   2014
Vellore Institute of Technology, India