

# Anugrah Kumar

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## 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.

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## PROFESSIONAL EXPERIENCE

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### Software Engineer

Polysign, San Francisco, CA

July-2021 to present

- Developed various microservices for a distributed trade settlement software used for trading variety of digital assets.
- Responsible for integrating distributed trade settlement software with internal blockchain for IAM and memorialization of transactions purposes.
- Assisted in developing various blockchain based utilities used for signing and authentication of orders broadcasted among various nodes involved in trading of digital assets.

### 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).
- 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 framework for monitoring and diagnosing issues related to employee systems worldwide.

### Software Engineer

Intel Corporation, Folsom, CA

June-2016 to August-2017

- Wrote test content for GPU functional testing and HW emulation across multiple platforms using Python.
- Involved in writing SQL queries, stored procedures for data analysis and integration of various test content packages for automation.
- 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.

### Software Engineer Intern

Intel Corporation, Folsom, CA

May-2015 to August-2015

- Developed test content for GPU drivers using Direct X.
- Developed tools for enhancing the debugging process for pre-silicon level driver-based validation using C#.

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## TECHNICAL SKILLS

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**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

**Programming Languages:** Python, JavaScript/Typescript, C#, C++, R

**Tools & Technologies:** AWS, Docker, Kubernetes, Git, JIRA, Selenium, Firebase, D3.js, Bootstrap, WMI, Adobe Photoshop/ Illustrator

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## EDUCATION

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**Master of Science in Computer Science**

Arizona State University, Tempe, AZ

2016

**Bachelor of Technology in Computer Science and Engineering**

Vellore Institute of Technology, India

2014