Parmjit Singh Gill

Software Engineer

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Location:
Wolverhampton, United Kingdom

Personal Profile

I am a software engineer with extensive knowledge of full stack development, with experience in telemetry and data engineering, manipulation and visualisation.

I have developed in test driven and prototype driven environments. Working with colleagues and other teams using Kanban and Agile methodologies.

I am constantly looking to improve and evolve my skills to provide incredible value to my colleagues and team.

Career Summary

Software Engineer: Raytheon UK: Jul 2022 - Present
- Clearance details available on request
- Maintaining and improving proprietary systems and infrastructure using **Java (Springboot microservices)** and **Scala (Apache Spark).** And maintaining the frontend **Django** application that utilises these products
- Utilizing **AWS services** in junction with **Typescript** and **Golang** to scale up sub-services and using advanced monitoring from **cloudwatch** to visualise and spot errors and vulnerabilities
- Using **Telemetry** tools such as **opentelemetry** and **Jaeger** in conjunction with **Golang** to monitor, track and visualise endpoint interactions
- Architecting, creating, deploying and maintaining a customer-facing API handling and visualisation tool with **Next.js** and **AWS CDK**

Software Engineer: GForces - An ATG Company: Mar 2021- Jul 2022
- Improving and maintaining the company's SAAS platforms
- Creating and maintaining the alerting and monitoring systems using **AWS CDK** with **Typescript** and **Python**.
- Improving the client-side reporting system by using updated technologies improving the overall performance of the service
- Developed and maintained sub-services using **Node.js** with **Express.js** framework and integrated them into a **Python GraphQL (graphene)** service
- Working with the frontend team to maintain and improve existing **React.js** webpages and create new **Vue.js** sites.

Teaching Assistant: EdX: Oct 2022 - Mar 2023
- Teaching and supporting young adults and career changers on their web development journey
- Explaining the fundamentals of web development and key methodologies in computer science
- Guiding students through the latest web technologies such as **React/Vue**, **Node.js**, **Next.js**, **SCSS**, **Bootstrap** and integrating third-party platforms such as **Shopify** and **Stripe**

Shop Assistant: Waitrose/Tesco : Nov 2018 - Present (PT)
- I support in the replenishment of stock, stock counting, and compliance
- Auditing of inventory and price integrity
- Aid in delegating jobs to colleagues

Education And Accreditations

University of Wolverhampton

Bachelor of Science in Computer Science: Sept. 2018 - July. 2021

Amazon Certified Cloud Practitioner

Amazon Certified Solutions Architect - Associate

Personal Achievements

Classical Indian Instruments:
- Harmonium and Tabla
- 9+ years performing at a semi-professional level
- Teaching intermediate and new students

Leadership and Volunteering:
- 7+ years teaching and young adults at youth camps held at my local Gurdwara

Professional Skills

Coding Languages:
JavaScript, Typescript, Golang Python, PHP, Java, Scala

Frameworks/Systems:

ReactJS, Django, Node.js, Next.js, Yii2 JQuery, GraphQL, VueJS, bootstrap, Tailwind.css, Springboot + Hibernate, Apache Spark, Android Studio, AWS and Git

Database Systems:
MySQL, PostgreSQL, MongoDB, Redis and DynamoDB

Testing Tools:
Postman, Jest, JUnit, ScalaTest, Unittest, Opentelemetry and Jaeger

Operating Systems:
7+ Years using Linux as primary operating system

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