

ANUJ VERMA

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EDUCATION

Stony Brook University

MS in Computer Science; GPA: 3.69/4.0

Stony Brook, NY

Jan 2019 - May 2020

Relevant Coursework: Algorithms, Big Data, Data Science, Human Computer Interaction, Visualisation

Gurukul Kangri Vishwavidyalaya

Bachelor of Technology in Electronics & Communication Engineering: 80.78 %

Uttarakhand, India

Aug 2011 - May 2015

SKILLS

- **Languages:** Java, Python, C#, JavaScript, Typescript, SQL, HTML, CSS
- **Frameworks & Libraries:** Spring Boot, ASP.NET Core, ReactJS, Node.js, JQuery Flask, Spark, D3.js, Hadoop
- **Technologies & Tools:** Azure DevOps, AWS, GCP, Git, JIRA, Hibernate, Maven, JPA, JDBC, Servlets

EXPERIENCE

Inncrew Technologies

Software Engineer

Bengaluru, India

May 2018 - Dec 2018

- Developed Tax package delivery process and voucher management modules using **C#, asp.net core MVC, SQL, ReactJS and Material-UI**.
- Implemented scalable, resilient and secure REST **microservices** using **ASP.NET Core** and managed them in **Azure Service Fabric Cluster**.
- Developed **Single sign-on identity server**, responsible for authentications using **OpenID Connect** and **OAuth**, of more than 1,00,000 users, also providing API security with persistent storage of identities.
- Reduced the time and cost spent on the integration of the code by **35%**, by building automated **CI/CD** pipeline using **VSTS** for testing, packing, delivering and monitoring the services.

Mindtree Limited

Software Engineer

Bengaluru, India

Jan 2016 - May 2018

- Developed share registry client-server application for a leading German stock market clearinghouse with modules for stocks monitoring, shareholders relationship management, staff administration and generation of reports using **Java, Spring MVC framework, RESTful API, JQuery, and SQL server**.
- Led a team of 5 following Agile SDLC methodology for developing Resource Management API, providing MUI.
- Increased the performance of the application by **30%** using **reflection API** and Distributed **Redis** Cache
- Optimized client's requests to server by **25%** using lazy loading data and client side polling in **JavaScript**.

ACADEMIC PROJECTS

- [RAFT, a replicated state machine protocol \(Distributed Systems\) | Golang:](#)
Implemented RAFT, and built a key/value service on top and sharded the service over multiple replicated state machines for higher performance.
- [Deforestation Trends from 2012 to 2018 \(Big Data\) | HDFS | Spark | GCP:](#)
Used **PySpark** (MapReduce) to efficiently read the high quality TIFF satellite images from **HDFS**. Employed **regression models** to predict the rate of deforestation given the latitude and longitude.
- [Retail Sales Data Analysis \(Data Science\) | APRIORI | FP-ALGO | GCP | Prophet | SARIMA | LSTM:](#)
Implemented promotional recommendations, product embeddings, time series modeling of sales and recommended changes to Membership Program to help a retail store with their business.
- [Pseudo file system for Linux Kernel v4.18 \(Operating System\) | C | Linux:](#)
Built a user land utility which allowed users to read, and write the files in new pseudo file system. Developed a kernel module similar to proc file system from scratch.

ACHIEVEMENTS

- Got continuous appreciation from client and was awarded with **Spot-on** certificate thrice.
- Recognized as 'Outstanding Performer of the Year 2018' at Mindtree.