HIMANSHU GUPTA, SOFTWARE ENGINEER

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EDUCATION

Bachelor of Technology: **Computer Science - 2018**
The Northcap University, Gurgaon
- CGPA: 9.1/10
- Relevant coursework: Object Oriented Programming, Data structures and algorithms, Database Management Systems, Software Engineering.

Class 12: CBSE - 2014
Delhi Public School, Faridabad
- Marks Scored: 92%

PROFESSIONAL EXPERIENCE

Hella Infra Market
Senior Software Engineer   2021 – Present
High paced agile work environment in a unicorn startup.
- Architected and developed a central **User role management** service across different services and products.

Universal Technical Systems, Inc.   2018 – 2021
Software Engineer
Designs systems, develops software and liaises with clients to understand requirements and write quality code
- Led and shipped **CTMS** - a scalable web application to efficiently conduct biotechnology and pharmaceutical clinical trials.
- Re-architected the **software updates delivery infrastructure** which improved user experience, slashing customer queries by more than 60%.
- Developed a centralized **event based alert service** in 8 company's products to track and resolve user activity and generate reports every day.
- Developed a dynamic **ecommerce** sales channel by adding shopping cart and by integrating payment APIs which now comprises of 32% of the new clients.
- Redesigned **authentication service** across multiple products by using JWT tokens which reduced maintenance time and provided support for mobile applications and micro services.

Celer Lab Analytics Solutions   2020 – Present
Software Consultant
Works alongside entrepreneurs to analyze requirements and deliver quality solutions
- Worked on the **Stocks dashboard**, in React, Node Js and Python, using Zerodha Kite Connect API, to integrate 40 strategic algorithms for trading stock derivatives.

TECHINICAL SKILLS

- **Web**: Javascript, Node JS, React JS, REST, HTML5, CSS3, JQuery
- **Programming Languages**: Golang, JavaScript, C#, .net, Python, Java
- **Databases**: Mysql, Sql server, Redis, MongoDB, DynamoDB, Elasticsearch
- **Other Technologies**: RabbitMQ, Git, AWS, UML, Docker

Other Projects

Inventory Management System
- Web based dashboard to manage store's inventory.
- Exploratory Data analytics module for deeper business insights.
- Optimized inventory predictions using Machine learning - Logistic regression and SVM.

Car Accident Detector IOT Device and Android Application
- IOT device using microcontrollers and pressure sensors to detect car accidents.
- Real time processing of sensors data to categorize impact intensity.
- Automatically notify nearby services or emergency contacts.

Cyanogen Themes: Published mobile themes in Cyanogen Mod store that reached 200K+ downloads.

EXTRA WORK

TedxTheNorthcapUniversity – Core Team: Headed the graphics and media team of the Tedx event.

Adhiyagya – Teacher / Mentor: Focused towards the empowerment of underprivileged children through education by mentoring students towards wholesome development and financial awareness.

Rudram: Volunteered in a public event as a part of a stage management team. It has given me an excellent opportunity to meet people and build a network of versatile professionals.