

# LAV KUMAR

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M.Tech | AWS Cloud Practitioner certified |

Full Stack Software Developer with 3+ years of Experience

## EXPERIENCE

### ELEOS Insurance | Full Stack Developer

Dec 2023- Feb 2024

- Developed and maintained software applications across the entire technology stack, including frontend (ReactJS, TypeScript, TailwindCSS), backend (SpringBoot/Java), and databases (SQL/PostgreSQL).
- Designed and implemented user interfaces for insurance agents, customers, and administrators using modern web technologies like React.js and Typescript & Redux Toolkit.
- Collaborated closely with cross-functional teams to understand requirements, conduct thorough testing, and continuously improve coding standards and development processes.

### Cognizant Technology Services | Junior Software Engineer

March 2022- November 2023

- Developed and maintained scalable software solutions using Jenkins & Ansible ensuring high-quality code and efficient system performance.
- Collaborated with cross-functional teams to gather requirements, design prototypes, and implement new features, resulting in enhanced user experience and increased product functionality.
- Successfully migrated applications to IAC from legacy servers using Jenkins, Terraform, and Ansible. Patched and upgraded servers ensuring the smooth functioning of applications.
- Received Client Appreciation Certificate for outstanding contributions

### Cognizant Technology Services | Programmer Analyst

August 2021 -March 2022

- I utilize my specialized knowledge in the field of front-end web development, React, and JavaScript to provide technical support and code reviews.
- Worked on the Hartford Project (AXP) to enhance project source code and add features using Angular and SpringBoot.
- Developed Pension Management Portal with SpringBoot Microservices, Angular, and SQL.
- Contributed to the development of Tweet APP using SpringBoot, Rest API, Angular, and MongoDB.
- Achieved certification as Full Stack Engineer (FSEO level).

## SKILLS

### Proficient with Frontend Development :

- Languages:** JavaScript, Java, C++, Python, HTML, CSS, SQL etc.
- Frameworks/Libraries:** React, Tailwind CSS, SpringBoot, Redux Toolkit.

### Familiar working on Backend Technologies:

- Spring, Java, Node.js, Express, MongoDB.
- Tools and Platforms:**
- Git, GitHub, VS Code, Jenkins, Ansible, Terraform, Discord, IntelliJ Idea etc.

## PROJECTS

### • TweetAPP

Developed a Tweet App using Angular, SpringBoot Microservices, and MongoDB.

Implemented REST API for interaction with RESTful web services. Utilized Kafka for sending, receiving, and monitoring data.

### • Pension Management System

Collaborated with a team to create a Pension Management Portal for managing organizational retirement plans.

Developed using Spring Microservices, Angular, and SQL. Deployed the application on AWS.

### • RealEstate WebSite

The Real Estate project is a web app developed with ReactJS and MongoDB. It enables users to browse, buy, sell, or rent properties with user authentication, advanced search, property details, map integration, and messaging. Admins can manage listings and users through the admin panel. The app offers a personalized user dashboard, reviews, and ratings.

## PUBLICATIONS

### Botnet Detection using obscured substantial stochastic modeling [ Machine Learning ], (2023)

- The traditional methods of protecting a system through signature-based detection are beset with drawbacks justifying the need to look for better and more efficient solutions.
- This thesis aims to address the problems related to traditional botnet detection methods and arrive at solutions that are more effective. The work in this thesis investigates the botnet at different stages to design efficient detection mechanisms and to overcome the drawbacks of traditional botnet detection methods both in Windows and Android platforms.

## ACHIEVEMENTS

- Zonal Winner, Braintech Championship (Penetration Testing), 2018
- 60th Rank in "BLITZKRIEG", TELOS (Online Annual Techfest of MYWBUT) in Java, 2018
- AWS Certified Cloud Practitioner
- POST GRADUATE PROGRAM IN SOFTWARE DEVELOPMENT & ENGINEERING (<https://verify.mygreatlearning.com/verify/QG ERXUKG>), 2023

## EDUCATION

### Rabindranath Tagore University, MP (India), 2021-2023

- M.Tech in Computer Science Engineering with DGPA of 8.56
- Haldia Institute of Technology, WB (India), 2017-2021
- B.Tech in Information Technology with DGPA of 8.94