

NIMMIKRISHNA BABU

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4 Beacon Way, Apt 410, Jersey City, NJ,07304

OBJECTIVE A highly motivated software engineer seeking an entry level position where I can use my skills and knowledge to learn new things and grow as a software developer.

EDUCATION **Stevens Institute of Technology, Hoboken, NJ** Expected December 2023
Master of Science in Computer Science
GPA: 3.758

Related Courses: Data Structures and Algorithms, Introduction to JAVA, Engineering Python, Database Management Systems, Object Oriented Design and Analysis, Web Programming, Web Mining, Fundamentals of Cybersecurity.

National Institute of Technology, Calicut, Kerala/India May 2018
Bachelor of Technology in Electronics and Communication
GPA: 3.44

SKILLS **Languages:** JavaScript, Python, C++, Java
Frontend & Backend: HTML, CSS5, JQuery, React.js, NodeJS, Express.js
Cloud Technologies: AWS, Openstack
Databases: MySQL, MongoDB
Tools: GitHub, VSCode, Jira

STRENGTHS

- Teamwork
- Capacity to multi-task and shift priorities
- Communication

EXPERIENCE **Nokia Networks and Solutions, Chennai, Tamil Nadu/India**
06/2018-11/2021
Solution Engineer

- Led the installation and configuration of OpenStack-based Virtualized Network Functions (VNFs) such as DNS, MNP, ENUM, and Utpoxy, resulting in the successful implementation of an end-to-end telecom network.
- Executed user acceptance and integration testing within the specified timeframe, ensuring seamless integration of the VNFs into the existing infrastructure.
- Analyzed logs meticulously, promptly identifying recurring issues and effectively coordinating troubleshooting activities to minimize downtime and optimize system performance.
- Leveraged Wireshark, a powerful network analysis tool, to diagnose and resolve complex network issues, thereby enhancing network stability and reliability.
- Fostered strong collaboration with clients, actively engaging them to define and review solution requirements. Successfully exceeded client expectations by planning and implementing solutions that addressed their specific needs.
- Demonstrated exceptional reliability by designing network components capable of handling disaster recovery scenarios, resulting in a remarkable 99% uptime for the telecom network.

ACADEMIC PROJECTS

Stevens Institute of Technology

ChatBox application

Spring 2022

- The application was built on JAVA
- It has one-to-one and one-to-many texting capabilities

Gym Management System

- Developed a Gym management system using Javascript, Nodejs, Express, Express-handlebars, CSS, HTML, Mongoddb, AJAX, and AXIOS technologies.
- The project involves creating a comprehensive website for a gym that will provide user with seamless and interactive user experience.
- Overall, this project helped me improve my ability to design and develop a full-stack application that can handle complex requirements and provide a user-friendly experience.

GEDCOM genealogy file analysis

- Used Python to parse and analyze the GEDCOM file
- The project involved discovering errors and anomalies in the GEDCOM file

National Institute of Technology

Storm Tracking using NASA GLM Datasets

- The project was on analyzing the data obtained from the NASA GLM satellite and predicting the probabilities of storm based on the intensity and density of thunderstorms.
- The project explored data collection, cleaning and analysis using Python and MatLab which is based on C/C++ and JAVA.

ACHIEVEMENTS

- Nokia spotlight award for the contribution of success of Altice MVNO Program.
- Published paper on the project work “Storm tracking using NASA GLM Dataset”