

NIDHI BALACHANDRA BHAT

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Summary:

A Software Developer with experience in developing and enhancing cloud-native platforms for broadband access management, seeking a challenging role to apply my skills and engineering knowledge to make a meaningful impact. With a proven ability to collaborate effectively and achieve objectives, I am eager to learn emerging technologies and development methodologies.

Education:

- BMS Institute of Technology & Management, Bengaluru** May 2023
B.E. in Information Science and Engineering CGPA: 8.97
- Dr. A.V. Baliga PU College of Arts and Science, Kumta** March 2019
PU, Computer Science Percentage: 95.33

Work Experience:

Nokia Solutions and Networks Sep 2023-Present
Associate Chennai, Tamil Nadu

- Developed high-level Intent models (IBN) to simplify network configurations using JavaScript and NETCONF/YANG stack.
- Integrated dynamic features such as 802.1X Change of Authorization (CoA), Dynamic VLANs, and Service Activation Test (SAT) into intent-based networking frameworks.
- Enhanced code coverage by writing Unit Tests with JUnit and Mockito.
- Implemented scalable solutions by applying OOP principles and good programming practices.
- Contributed to the scalability of the intent engine by containerizing services with Kubernetes.
- Engaged in significant bug fixing to improve overall user experience.
- Collaborated in a dynamic Agile environment, adapting to fast-paced changes.

Nuage Networks from Nokia Feb 2023 -Aug 2023
Student Trainee Bangalore, Karnataka

- Monitored network performance and conducted regression testing to ensure reliability.
- Developed and automated validation test suites using Python and the Pygash framework.
- Gained a strong understanding of advanced networking concepts and SDN technology.

Projects:

Translative Article Summary Generator using NLP

- Developed a Python and Flask-based web application that translates Kannada articles into English, enabling cross-linguistic access using NLP.
- Implemented the feature of generating concise summaries in both languages.

Hunger Bounce

- Developed a responsive web application for seamless food ordering from local restaurants and cloud kitchens.
- Designed and implemented user-friendly interfaces using HTML, CSS, JavaScript, and Bootstrap for an enhanced customer experience.
- Built server-side functionality with PHP to handle order management and user authentication.
- Created and managed a relational database in MySQL to store and retrieve user, menu, and order data efficiently.

Skills:

Programming Languages: C++, C, Python, JavaScript, HTML

IT Constructs: Computer Networking, OOPs, DBMS(MySQL), YANG, Netconf, RPC

Tools: Git, Jira, VS Code, PyCharm

Awards and Recognition:

Excellence Award, Nokia, Chennai – Awarded for proactive problem-solving and timely delivery of features, while consistently demonstrating a willingness to learn and contribute positively.

Courses and Certifications:

- Programming for Everybody [Getting started with Python] by Coursera
- The Complete 2021 Web Development Bootcamp by Udemy
- Object Oriented Programming in JavaScript - Udemy