

NISHCHINT S. MAKODE

Software Developer/Engineer | Proficient in Python, Java, and Full-Stack Development

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PROFILE

Software Developer/Engineer with an MSc in Advanced Computer Science and expertise in Python, Java, and modern frameworks. Skilled in full-stack development, cloud computing, and DevOps, with a proven track record of delivering scalable and efficient solutions. Seeking to leverage technical expertise to drive innovation and deliver impactful results in the industry.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Go, Rust, HTML/CSS, JavaScript, TypeScript, SQL, PHP, Shell Scripting

Developer Tools: Linux, VS Code, Git Version Control, Postman, Kubernetes, Docker

Technologies/Frameworks: React, Express, Django, MongoDB, Firebase, REST, GraphQL, GCP, Flask, TensorFlow, scikit-learn

EDUCATION

Master of Science (MSc) in Advanced Computer Science | Classification: Merit

University of Birmingham

Sep 2022 – Sep 2023

Birmingham, UK

Bachelor of Engineering (BE) in Computer Engineering | CGPA: 9.89/10.00

Rashtrasant Tukadoji Maharaj Nagpur University

Aug 2018 – Jul 2022

Nagpur, India

EXPERIENCE

Software Developer Intern

Agile Connects Pvt. Ltd

Aug 2021 – Feb 2022

Nagpur, India

- Delivered three data analytics projects by designing automated data collection pipelines and dashboards with Python and SQL, boosting statistical efficiency by 15% and improving data quality.
- Presented actionable insights via interactive data visualizations, achieving a 75% adoption rate of recommendations and driving a 20% improvement in operational efficiency.

Backend Developer Intern

Credy

Nov 2020 – Jan 2021

Bengaluru, India

- Built and deployed scalable backend solutions using Django, improving system throughput by 30% and integrating advanced encryption to enhance security and boost user engagement by 15%.
- Executed rigorous performance and security testing using Selenium and JMeter, reducing response time variability by 20% and ensuring fintech compliance.

PROJECTS

Personality Profiling Using Sentiment Analysis | Python, TensorFlow, Pandas, Flask

- Developed a personality profiling application using TensorFlow and Flask, leveraging CNN and LSTM models to predict Big Five traits with 85% accuracy from sentiment analysis.

Lung Disease Diagnosis Model Using CNNs | Python, OpenCV, Pandas, Numpy

- Designed a lung disease classification model using convolutional neural networks (CNNs), achieving an average F1 score of 0.92 for diagnosing diseases from X-ray images.

Full Stack Note-keeping App | MongoDB, Express, React JS, Node JS

- Created a full-stack Note-keeping App with MongoDB, Express, React, and Node.js, incorporating user authentication, CRUD operations, and a pinning feature for improved organization.

CERTIFICATIONS AND SPECIALIZATIONS

Google Cloud - Associate Cloud Engineer [🔗](#)

Google Cloud - Cloud Digital Leader [🔗](#)

IBM - Full Stack Software Developer Professional Certificate [🔗](#)

Coursera - Introduction to Bash Shell Scripting [🔗](#)

ACHIEVEMENTS

Award - Title of the best-performing student in the Dept. of Computer Engineering, **(Jul 2021 – Jul 2022)**.

Publication - "Lung disease detection from x-rays using CNN." IJRPS, **(Apr 2022)**.

Leadership - Student council representative for the Dept. of Computer Engineering, **(Dec 2018 – Jul 2022)**.