

NITYA PANDEY

Software Engineer

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Noida- India

[in LinkedIn](#)

[Github](#)

[Leetcode](#)

PROFESSIONAL SUMMARY

Experienced software engineer with a strong background in developing scalable applications and systems. Proficient in various technologies and tools, with a proven track record of delivering high-quality solutions. Adept at collaborating with cross-functional teams to achieve business goals.

EXPERIENCE

Software Engineer

HCLTech

Aug 2022 – Present

Noida, India

- Work collaboratively within a team environment of cross-functional deliver to aggressive timelines.
- Designed, developed, and implemented database and user interface applications.
- Experience with natural language processing (NLP) and machine learning algorithms for chatbot development using Python.
- Handling deployment processes and infrastructure on Azure using Docker.
- Oversaw the transition to a new architecture, significantly enhancing scalability and performance.
- Contributed to continuous improvement initiatives by analyzing Agile metrics and participating in retrospective meetings to identify process enhancements.
- Collaborated with senior developers to enhance software features and resolve issues. testing, and maintenance.
- Involved in the complete software development life cycle including requirement analysis, design, implementation, testing, and maintenance.

TECHNICAL SKILLS

- **Programming Languages**
Java, JavaScript, Python
- **Frontend**
React, Next.js, Tailwind CSS
- **Backend**
Node.js, Express.js
- **Developer Tools**
Git, GitHub, Docker, AWS, VS Code
- **Database**
MongoDB, MySQL

CERTIFICATION

- Azure AI Engineer
- Google Cloud Professional Cloud Architect

EDUCATION

B.Tech. (ECE) - 8.0 CGPA

Shri Ramswaroop Memorial College of Engineering and Management (SRMCEM)

Graduated: 2022



PROJECTS

Internsala-Daily-Job(Job Posting Website)

- Daily-Job is a web platform connecting employers with job seekers.
- Built with Node.js, Express.js, React.js, and MongoDB, and styled using Tailwind CSS and Bootstrap.
- Features CRUD operations for managing job listings and applications, offering a streamlined, user-focused experience. [Github](#)

Google Assistant(Google Assistant Clone)

- Developed a voice-activated virtual assistant app using Java, Spring, and XML, with tools like Visual Studio Code and Android Studio.
- The app integrates core Android components and advanced features such as speech recognition to assist users with everyday tasks and enhance productivity. [Github](#)

Age-Gender-Detector

- Developed an application to estimate age and gender from images, utilizing tools such as Jupyter Notebook, and VS Code.
- Leveraged technologies including NumPy, Matplotlib, and OpenCV, to process and analyze image data, achieving accurate predictions from static images and real-time webcam feeds.
- The main aim of this app is to detect age and gender through the given data set. [Github](#)

ChatBot Development

- Building a chatbot using NLP to understand user queries and NLG to generate responses.
- Utilizing Python and tools like spaCy and GPT-4, the chatbot will automate customer support, providing accurate and relevant answers.
- Key steps include designing, developing, testing, and deploying the chatbot to enhance customer service efficiency.

COURSEWORK

- Operating System
- Computer Networks
- Object Oriented Programming
- Database Management System
- Cloud Computing