

# NOBAL ANTONY M

FULL STACK DEVELOPER | DATA SCIENCE ENTHUSIAST

## CONTACT

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## EDUCATION

- 2021 - 2022
- HSIC | VELAMMAL GLOBAL SCHOOLS | CHENNAI, TAMILNADU • 84% (First Class)
- 2022 - 2026
- KINGS ENGINEERING COLLEGE
- Bachelor of Computer Science & Engineering | Chennai, TamilNadu
- GPA: 8/10

## VOLUNTEER WORKS

- Contributed to various initiatives, including a **Government MSME project** for developing an innovative open-source model from data insights.
- Developed a low-cost analytical tool aimed at enhancing nutrient enrichment, showcasing technical skills in creating practical solutions.

## ACHIEVEMENTS & HONORS

- 2nd Place, UI/UX Project Showcase | Zenith Jeppiaar College | April,2025
- Student Project Reviewer | SIMATS Chennai | June, 2024
- Head In-charge & Organizer | Leo Club | 2024 october-Present
- Active Participant, Innovators Hub Events | KEC | 2022-Present

## PROFESSIONAL SUMMARY

Full Stack Developer with strong data science expertise, skilled in building scalable, high-performance applications using Java Spring Boot, Python, and React.js. Experienced in full-stack development, RESTful APIs, database integration, and data analysis pipelines to drive data-driven solutions. Proficient in Agile methodologies with a collaborative mindset, excellent problem-solving and analytical skills, and effective communication. Committed to continuous learning and delivering impactful results in dynamic engineering environments.

## WORK EXPERIENCE

PYTHON DEVELOPER INTERN | CODSOFT [JUNE 2025] – [JULY 2025]

- Participated actively in the full development lifecycle of complex, efficient Python-based software solutions, significantly enhancing system functionality and performance.
- Demonstrated strong scripting and problem-solving abilities by accurately translating intricate business requirements into robust, functional code and scalable applications.
- Collaborated effectively within Agile development teams, applying best practices and utilizing Git for version control to successfully deliver critical project milestones and product features on schedule.

## SKILLS SUMMARY

- Programming Languages:** Java ,Python, JavaScript, HTML5, CSS3, SQL
- Frameworks & Libraries:** Spring Boot, Angular, Pandas, NumPy, Matplotlib,Skiti-learn
- Database Systems:** MySQL, MongoDB
- Web Technologies:** RESTful APIs, JSON, Front-end Development, Back-end Development
- Version Control:** Git, GitHub
- DevOps & Tools:** Docker, Postman, Maven, Gradle, VS Code, IntelliJ IDEA, Jupyter Notebook,
- Core Concepts:** Object-Oriented Programming (OOP), Data Structures, Algorithms, Test-Driven Development, Agile Methodologies, Software Design Patterns, System Design, Machine Learning Fundamentals, Data Preprocessing, Data Visualization, Statistical Analysis, Big Data Concepts
- Soft Skills:**Collaborative team player, problem-solving, analytical skills, effective communication, adaptability, attention to detail, continuous learning, delivering results.

## PROJECTS

### FULL STACK BOOKSTORE APPLICATION

[LINK](#)

- Technologies:** Java (Spring Boot), SQL (MySQL), HTML5, CSS3, JavaScript, RESTful APIs, Postman, Maven
- Designed and developed a scalable, responsive full-stack bookstore application, integrating a robust Spring Boot backend with a dynamic Angular frontend for a seamless user experience.
- Designed and developed a scalable bookstore app with Spring Boot REST APIs responding within 200ms.
- Managed 50+ book entries with efficient CRUD operations ensuring database integrity.
- Managed and optimized SQL database operations with full CRUD functionalities, ensuring data integrity and high-performance application interactions through efficient queries and database design.

### SOCIAL MEDIA SENTIMENT ANALYSIS TOOL

[LINK](#)

- Technologies:** Python, Pandas, Matplotlib, CSV, Scikit-learn
- Developed a Python-based sentiment analysis tool capable of processing and analyzing large datasets of social media data from CSV files (e.g., 10,000+ records), providing actionable insights.
- Executed comprehensive data preprocessing, cleaning, and analysis using Pandas, transforming raw data into structured insights and preparing it for machine learning algorithms.
- Demonstrated strong analytical skills in applying machine learning fundamentals to classify sentiment, showcasing proficiency in building data science pipelines and delivering data-driven solutions.

## CERTIFICATES

### Complete Responsive Web Development

[CERTIFICATE](#)

- Mastered responsive web development, crafting dynamic, cross-device compatible user interfaces and robust front-end solutions essential for full stack applications.
- Demonstrates proficiency in HTML5, CSS3, JavaScript, and Bootstrap for modern web design practices.

### Python for data science | IBM

[CERTIFICATE](#)

- Acquired IBM Python Data Science expertise, driving data-driven insights and analytical solutions, complementing backend data processing capabilities. Showcases strong understanding of machine learning concepts and data analysis techniques.

### SQL & Databse Design | Scaler

[CERTIFICATE](#)

- Proficiency in relational database design and advanced SQL syntax, including complex subqueries and efficient CRUD operations.
- Enables seamless backend data integration and scalable application development, reinforcing critical knowledge for full stack roles.

# COVER LETTER

**FULL NAME:** Nobal Antony M

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**EMAIL ID:** nobalantony2192004@gmail.com

Dear Hiring Manager,

I am writing to express my enthusiastic interest in Full Stack Developer and Python Developer positions. As a highly motivated and results-oriented professional with a strong foundation in Javascript, Java, Python, and UI/UX design, I am confident in my ability to excel in these roles and contribute significantly to your team's success.

My academic background and practical experience have equipped me with a comprehensive skill set to tackle real-world projects. I am a dedicated and adaptable learner, passionate about developing innovative and user-friendly web applications that deliver exceptional user experiences.

Through coursework and personal projects, I have cultivated a solid understanding of Data Structures, Algorithms, Object-Oriented Programming, and comprehensive Web Development principles. I am proficient in **Core Java, Python, HTML, CSS, JavaScript, Angular, SQL, and advanced UI/UX design**. My hands-on experience includes building robust backends and intuitive user interfaces.

My diverse skill set, encompassing both front-end and back-end technologies, coupled with my enthusiasm for problem-solving, aligns well with the demands of a dynamic development environment. I am eager to contribute my expertise and grow within a forward-thinking organization.

My resume, attached for your review, provides further details on my qualifications and accomplishments. I am available for an interview at your earliest convenience and can be reached via email or phone.

Via **Call** on 63809 18460 or **Email:** nobalantony2192004@gmail.com

Thank you for your time and consideration.

**Sincerely,**  
**Nobal Antony M**