ZEESHAN SHAKEEL AHMED SHAH

B.Tech. - Electrical Engineering
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BRIEF SUMMARY

Undergraduate in Electrical Engineering with a keen interest in Software Development, continually refining skills in programming languages such as Python and Java. Expanding knowledge in data science, cloud computing, and web development technologies, positioning for a seamless transition into the computer science sector. Recognized for adept leadership and collaboration, committed to driving innovation with a diverse skill set and interdisciplinary perspective.

KEY EXPERTISE

Java · Electronics · Electrical Machines · Blockchain · Software · Data · Big Data · Databases · Data Analysis · Data Cleaning · Oracle Database · Data Processing · Data Manipulation · Data Structures · Data Analytics · Big Data Analytics · Business Analytics · Power BI · Tableau · Consulting · Consultancy · Cisco · CCNA · C · Canva · AutoCAD · Arduino · Battery · Solar · Solar Energy · Problem Solving · Creative Problem Solving · Adobe Illustrator · Embedded C · Figma · Spring Framework · Git · Graphic Design · Google Slides · IBM · Computer Networking · Networking · Network Security · Advanced Java · MySQL · Networking Protocol · Open Source · Object-Oriented Programming · R · SQL · UI Development · Visualization · Virus · Visual Studio · Video Editing · Data Visualization · Winding · z

EDUCATION

Shri Ramdeobaba College of Engineering and Management		2021 - 2025
B.Tech. - Electrical Engineering | CGPA: **7.39 / 10**		
12th | MSBSHSE | Percentage: **90.67 / 100**		2021
10th | Percentage: **94.80 / 100**		2019

PROFESSIONAL EXPERIENCE

Fiverr | Entertainment / Media / Publishing | Audiobook Production   01 Apr, 2021 - 14 Jan, 2023
Freelance Editor

Key Skills: Audio Processing

Established connections with 10+ podcasters and production houses worldwide.
Delivered high-quality post-production services to 50+ international clients.
Acquired and maintained 20+ clients through effective communication.

INTERNSHIPS

RCOEM | Core Electrical Engineering / Manufacturing   01 Jun, 2024 - 20 Jun, 2024
Electrical Engineer
Key Skills:

AutoCAD · Autodesk · Power Electronics · Cost Control · Electricals · Electronics · Electrical Machines · Consulting · Consultancy · Research

Analyzed power systems and substation operations for the college campus, identifying areas for efficiency improvements and ensuring compliance with safety standards.
Drew detailed single line diagrams using AutoCAD, facilitating clearer communication of electrical plans and supporting project planning and execution.
Calculated energy requirements and load supply based on floor plans, ensuring optimal distribution and efficient use of energy resources, resulting in an improvement in energy management.

Alhansat Solutions | IT / Computers - Software   01 Sep, 2023 - 30 Nov, 2023
Full Stack Developer

Key Skills: Python SQL Java Javascript User Experience UI Development

Contributed to the development of web application projects, improving user engagement.
Assisted in designing user interfaces and fixing bugs, reducing user-reported issues.
Optimized front-end components, resulting in a 25% increase in page load speed and enhanced scalability.

RCOEM-TATA-CIIIT | Technology   01 Sep, 2023 - 31 Oct, 2023
IoT Intern
Key Skills:

Windows IoT   Information Technology   Infrastructure   Arduino IDE   C (Programming Language)   ITTs

Embedded Devices   Raspberry Pi   Arduino   Arduino UNO   ESP   Internet of Things   Strategic Thinking

Developed IoT projects using Arduino Uno and ESP, enhancing device connectivity and functionality.
Integrated various sensors and processors with ThingSpeak and Adafruit, improving data collection efficiency by 30%.

PROJECTS

Blockchain Implementation   01 May, 2024 - 21 May, 2024

Key Skills: Java   Visual Studio   Blockchain   Data Structures   Problem Solving

Project Link: https://github.com/shah-zeeshan/javablockchain

Implemented a basic blockchain in Java, capable of recording multiple transactions simultaneously, enhancing data integrity and security.
Developed core blockchain functionalities, including transaction recording, block creation, and chain linking, ensuring accurate and tamper-proof data storage.
Utilized Java to design and build the blockchain system, leveraging object-oriented programming principles for robust and efficient code structure.
Tested and validated the blockchain to handle N number of transactions per block, ensuring system reliability and performance.

Ultradar: Automated Security Device   01 Jan, 2024 - 31 Mar, 2024
Mentor: Dr. Vijaya Huchche | **Team Size:** 2

Key Skills: ESP   Arduino UNO   Java

Developed an advanced radar system, Ultradar, designed to provide automated security alerts over the internet upon detection of objects in remote regions.
Implemented remote monitoring capabilities, displaying range of sight and detections on connected devices, enhancing surveillance and security efficiency.
Utilized Processing 4.3 to create visual depictions of radar activity, improving real-time monitoring and situational awareness.
Integrated ESP and ThingSpeak for data transmission and visualization, ensuring reliable and efficient communication between the radar system and monitoring devices.

Social-Buzz: Data Analysis Project   01 Mar, 2024 - 10 Mar, 2024
Team Size: 1
Key Skills:

Pandas   Python   Analytics   Analysis   Big Data   Business Analytics   Power BI   Tableau   Microsoft Excel

Project Link: https://github.com/shah-zeeshan/Social-Buzz

Conducted a comprehensive data analysis project on the Social Buzz social media platform, leveraging datasets that included Content, Reaction, and Reaction Types.
Created a final dataset by merging the three tables, using the Reaction table as the base, and subsequently joining relevant columns from the Content and Reaction Types datasets.
Performed in-depth analysis to identify and report on the top 5 performing categories, providing actionable insights for optimizing content strategy and engagement.

ASSESSMENTS / CERTIFICATIONS

Python Essentials 1

Key Skills: Python

Python Basics for Data Science

Essential Technologies for Business

Data Analytics and Visualization Job Simulation

POSITIONS OF RESPONSIBILITY

Club Coordinator RCOEM : Students' Representative Council

- Coordinated and managed the Dance club, fostering a vibrant and inclusive campus community.
- Facilitated activities, provided guidance to club members, and ensured compliance with university regulations.

Editorial Head IEEE Student Chapter, RCOEM

- Led the editorial team in editing and publishing the yearly departmental magazines 'Vidyut' and 'Empower,' enhancing the quality and reach of academic and student contributions.
- Coordinated with writers, designers, and faculty members to ensure timely and accurate content delivery, improving the overall production process.

PERSONAL INTERESTS / HOBBIES

- mixed martial arts

WEB LINKS

- Github - https://github.com/shah-zeeshan
- Other - https://www.hackerrank.com/profile/shahzeeshan

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: 184, Teachers Colony, Near MM Taj School, Tajbagh, Nagpur, Maharashtra, India - 440024
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Date of Birth: 03 Dec, 2002
Known Languages: English, Hindi
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