Natesh Kumar

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EDUCATION

Institute of Business Administration, Karachi
Bachelor of Science in Computer Science (Sep 2020 – Dec 2024)
- Major: Cyber Security | Minor: Web Development
- Relevant Coursework: Object-Oriented Programming, Data Structures, Software Engineering, Database Management, Web Development, Cryptography, Computer Security, Network Security

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PROFESSIONAL EXPERIENCE

360 Digital Eyes | Karachi, Pakistan
WordPress Developer Intern (July 2023 – Aug 2023)
- Developed and maintained two responsive WordPress websites, ensuring 100% uptime and improving user navigation by 20%.
- Customized WordPress themes and plugins using PHP and JavaScript, optimizing page load speeds and enhancing UI design to increase user engagement by 25%.

AdjenX (Remote) | Karachi, Pakistan
Web Developer Intern (June 2023 – July 2023)
- Improved the AdjenX WordPress site's responsive design and user experience, boosting average session duration by 25%.
- Conducted testing and debugging using Browser Stack, achieving 99% cross-browser compatibility.

KEY PROJECTS

Final Year Project:
- *Bone Bank Module:* Created a cloud-based MERN stack platform to manage bone grafts, reducing administrative tasks by 30% and improving data security through encryption.

Web Development:
- *Quiz Management System:* Built a customizable quiz platform (MERN stack) with automated grading and real-time analytics, increasing efficiency by 40% and earning a 4.5-star user rating.

Object-Oriented Programming:
- *Bricker Breaker Game:* Developed a Java-based game applying OOP principles like Inheritance, Polymorphism, and Encapsulation, achieving high academic recognition.

Software Engineering:
- *Hostel Management System:* Designed an administrative system using Java Swing, ArrayLists, and File Handling, streamlining operations with a user-friendly interface.

Data Structures:
- *Phone Directory:* Implemented a directory using Linked List, Array, and Binary Search Tree, achieving $O(\log N)$ efficiency with a high-performing interface.

Introduction to Programming:
- *HTML Website Creator:* Built a tool for generating HTML websites using Loops, Methods, and File Handling, recognized for practical functionality and strong academic performance.

TECHNICAL SKILLS

- Programming: Java, JavaScript, MySQL, PostgreSQL
- Frameworks: MERN Stack, Java Swing, WordPress
- Tools: VS Code, IntelliJ IDEA, DBeaver, MySQL Workbench

LEADERSHIP & EXTRACURRICULARS

IBA Computer Science Society | Core Committee Member (Jan 2022 – May 2023)
- Organized workshops and competitions promoting computer science and technology.
- Managed logistics and participant engagement for various events.

Convocation Team, IBA Karachi | Secretary Logistics (Aug 2023 – Dec 2023)
- Coordinated logistics for IBA's Convocation 2023, ensuring smooth operations.

ADDITIONAL INFORMATION

- Languages: English (Fluent), Urdu (Fluent)