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Professional Summary

Detail-oriented and proactive Software Engineer with over 5 years of experience in backend development, specializing in Node.js, TypeScript, and PostgreSQL. Adept at collaborating with cross-functional teams to develop and enhance robust APIs and scalable applications. Passionate about delivering exceptional customer-centric solutions while maintaining high standards of quality and performance.

Objective:

To leverage my extensive expertise in IT, database administration, and cybersecurity to secure a dynamic role where I can drive organizational success. With certifications in database management, cybersecurity, and project management, along with experience in business analysis, marketing, and full-stack software development, I aim to deliver innovative solutions, enhance security protocols, and contribute to strategic growth. My goal is to apply my diverse skill set to create impactful results and support the organization's objectives across multiple domains.

Project:

Developed a fully functional e-commerce website using PHP, HTML, JavaScript, CSS, and MySQL database. The project involved designing and implementing various features to provide an intuitive user interface and seamless online shopping experience.Designed and implemented the website's front-end using HTML, CSS, and JavaScript to create an attractive and user-friendly interface.

- Developed the website's back-end using PHP, ensuring efficient handling of user requests, data processing, and secure transaction management.
- Utilized MySQL database to store and manage product information, user profiles, and transaction details.
- Implemented secure user authentication and authorization mechanisms to protect sensitive customer data.
- Implemented search functionality to allow users to easily find desired products.
- Developed shopping cart functionality, allowing users to add items, update quantities, and proceed to checkout.

This e-commerce project showcases my proficiency in web development, database management, and collaboration with a team to deliver a fully functional website.

Technical Skills

Backend Development

- **Languages**: Proficient in Node.js, TypeScript, Java, PHP, and Python (Flask/Django). Strong experience in JavaScript and frameworks such as React.

- **Development Practices**: Committed to best practices in software design, including Object-Oriented Programming (OOP), SOLID principles, and design patterns. Skilled in building, testing, and maintaining applications with a focus on quality and scalability.

Database Management

- **Expertise in SQL**: Strong skills in PostgreSQL and MySQL, with extensive experience in query optimization, data migrations, and database modeling.
- **Database Security**: Proficient in implementing best practices for database maintenance and security, including SQL injection prevention and detection.

API Development

- **API Design**: Skilled in creating secure and scalable APIs, with experience in input validation and implementing JWT tokens for enhanced security.
- **Performance Optimization**: Proven ability to optimize APIs and backend systems for high-volume transaction handling, ensuring performance under load.

Scalability and Performance

- **System Design**: Experience designing scalable systems that can handle rapid growth, ensuring reliability and efficiency in high-demand environments.
- **Automated Testing**: Proficient in automated testing, emphasizing unit tests to maintain code quality and reliability.

Cybersecurity

- **Security Measures**: Knowledgeable in cybersecurity best practices, including hacking prevention and detection measures to safeguard applications and data.

Cloud Technologies

- **Cloud Proficiency**: Experienced with AWS (S3, Beanstalk, CloudFront, RDS) and familiar with serverless architecture, enabling efficient application deployment and management.

Collaboration and Communication

- **Cross-Functional Teamwork**: Proven ability to work collaboratively with Frontend Engineers, Product Teams, Designers, and QA professionals to deliver seamless user experiences.
- **Remote Collaboration**: Strong skills in remote communication and collaboration, with experience in distributed team environments, ensuring alignment and effective teamwork.

Problem Solving and Customer Focus

- **Customer-Centric Approach**: Passionate about solving customer problems, with a business-focused mindset that prioritizes high-value outcomes.

- **Empathy in Support**: Over 2 years of experience providing exceptional customer support through platforms like Zendesk, resolving issues with prompt action and genuine care.

Additional Skills

- **Technical Proficiency**: Familiar with operating systems (Windows, Linux), networking concepts, and proficiency in scripting languages (PowerShell, Python, Bash) for automation tasks.
- **ITIL Knowledge**: Understanding of the ITIL framework and best practices for incident and change management, ensuring high standards in service delivery processes.
- **Interpersonal Skills**: Excellent communication skills to convey technical concepts effectively to non-technical stakeholders, fostering teamwork and collaboration.

Achievements and Certifications

- **Certifications:**

- **Microsoft Certified Database Administrator**: Expertise in database management and optimization.
- **Microsoft Certified System Administrator**: Proficient in system administration and infrastructure management.
- **Certified Platform Security Manager**: Specialized in platform security management and risk mitigation.
- **Certified Penetration Tester**: Advanced skills in identifying and addressing security vulnerabilities.
- **Certified Software Management Professional**: Demonstrated excellence in managing software development and deployment.
- **Certified Project Management Professional (PMP)**: Adept in leading and coordinating complex projects from inception to completion.

- **Continuous Learning and Development:**

- Passionate about continuous learning, regularly enhancing skills through globally recognized platforms such as Udemy, Microsoft Certifications, and Alison.
- Proficient in leveraging cutting-edge technologies and methodologies to stay at the forefront of the industry.

- **Innovation and Impact:**

- Successfully developed and implemented innovative software solutions in translational management, currently utilized by over one million users worldwide.

- Contributed to significant advancements in software engineering and project management, driving product excellence and user satisfaction.

- **Project Management Experience:**

- Led and coordinated multiple project developments across various domains, demonstrating exceptional leadership and organizational skills.
- Achieved successful project outcomes through strategic planning, team collaboration, and effective problem-solving.

- **Marketing and Sales Achievement:**

- Served as Marketing Manager, leading initiatives that resulted in a dramatic increase in software sales volume, achieving a growth rate of 40% to 100%.
- Enhanced brand visibility and market penetration through targeted marketing strategies and effective product promotion.

Professional Experience:

Editor

TheSocialTalk

August 2016 – December 2019

In my role as Editor at TheSocialTalk, I was responsible for managing website content and overseeing the editorial process. Key contributions included:

- **Content Management**: Regularly updated and optimized the website to enhance user engagement and ensure timely delivery of news. Developed a keen eye for detail, ensuring high-quality content aligned with organizational standards.

- **News Screening**: Evaluated articles written by journalists, ensuring accuracy, clarity, and relevance. This experience strengthened my critical analysis skills, essential for both editorial tasks and software development.

- **Cross-Department Collaboration**: Worked closely with various teams, including marketing and design, to align content strategies and improve the user experience. This collaboration enhanced my understanding of project requirements and fostered a holistic view of website functionality.

- **Professional Development**: This role significantly impacted my career by deepening my knowledge of web publishing and content management systems. It provided a foundation for my transition into software engineering, where I apply similar attention to detail and user-centric thinking in development projects.

Business Analyst

Ajra

August 2017 – December 2020

As a Business Analyst at Ajra, I gained two years of valuable experience in a remote capacity, where I developed a strong foundation in data analysis, project coordination, and workflow management. Key contributions included:

- **Data Analysis and Insights**: Analyzed complex datasets to drive strategic decision-making, translating data into actionable insights that informed project direction and business strategy. This analytical mindset complements my software engineering skills, enabling me to approach technical challenges with a business-oriented perspective.

- **Project Coordination**: Successfully managed multiple projects, ensuring timely delivery within scope by implementing efficient workflows. My ability to prioritize tasks and coordinate with cross-functional teams improved overall team productivity and project outcomes.

- **Process Optimization**: Developed and implemented streamlined processes that enhanced operational efficiency. My proficiency in analytical tools and methodologies allowed me to identify bottlenecks and optimize workflows, driving business success.

- **Stakeholder Engagement**: Collaborated with diverse stakeholders to gather requirements and ensure alignment on project goals. This experience honed my communication skills, enabling me to convey complex technical concepts to non-technical audiences effectively.

- **Finance and Business Acumen**: Gained insights into financial analysis and business operations, enriching my understanding of how technical solutions can impact overall business performance. My passion for data-driven solutions positions me well for roles that bridge the gap between technology and business.

Website Designer & Full-Stack Software Engineer

Techonward Fintech Ltd

January 2019 – July 2024

In my role at Techonward Fintech Ltd, I served as both a Website Designer and Full-Stack Software Engineer, where I developed and enhanced web solutions tailored to client needs. Key contributions included:

- **User-Centric Design**: Designed and developed user-friendly websites that significantly enhanced user experience and engagement, ensuring that all interfaces were intuitive and visually appealing.

- **Full-Stack Development**: Collaborated with cross-functional teams, including frontend engineers, product teams, designers, and QA professionals, to create seamless user experiences. Leveraged full-stack skills in HTML, CSS, JavaScript, and Python to implement responsive designs and dynamic features, optimizing applications for performance across devices.

- **Database Integration**: Integrated complex database systems into web projects, ensuring efficient data management and seamless functionality. Optimized database performance and executed data migrations for PostgreSQL and other data stores.

- **API Development**: Led the design and implementation of secure APIs, focusing on input validation and scalability to support high-traffic applications. This included developing and enhancing features to ensure high performance and reliability.

- **Project Management**: Gained extensive experience in project management, guiding teams through the Software Development Lifecycle (SDLC) to ensure timely delivery of projects. Actively participated in all stages, providing valuable insights during product planning and development.

- **Business Analysis**: Conducted thorough business analysis to identify client requirements and translate them into technical specifications for web development projects. This analytical approach helped in developing scalable applications that aligned with business goals.

- **Customer Support**: Provided exceptional customer support, resolving issues with empathy and prompt action, which ensured high user satisfaction and strengthened client relationships.

- **Knowledge Enhancement**: Refined design skills and expanded my practical knowledge of web development best practices and database administration, positioning myself as a senior database administrator and a reliable resource for development teams.