**MAHEK PANCHAL**

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# CAREER HIGHLIGHTS

* Demonstrated a strong foundation in programming languages such as Java, Python, and C++, with a rapid ability to learn new languages and frameworks.
* Proven history of creating intuitive web applications and systems, leveraging advanced technologies like the MERN stack and AWS services, to deliver user-friendly experiences.
* Familiarity with agile development methodologies and ability to work effectively in a fast-paced, dynamic environment.
* Skilled in working with databases, including schema design, querying, optimization, and maintenance.
* Collaborated effectively with cross-functional teams to develop and deliver high-quality software solutions.
* Displayed excellent verbal and written communication skills, adeptly conveying technical concepts to team members and stakeholders.
* Maintained a strong enthusiasm for learning and staying current with emerging industry trends and technologies.
* Innovative and enthusiastic when it comes to discovering new data sources to fuel Artificial Intelligence projects.
* Exhibited a basic understanding of development methodologies, best practices, and a broad understanding of application architectures.

# SKILLS

JAVA | HTML | CSS | JavaScript | Python | ASP.Net | C | C++ | SQL | Oracle | MongoDB | Agile Methodologies | Scrum | MVC | MERN Stack | SpringBoot | Software Development Life Cycle | DevOps Tools | Continuous Integration (CI) / Continuous Deployment (CD) pipeline | AWS Services - SNS, EC2, LAMBDA, S3, Elastic Beanstalk | Automated Testing | Shell Scripting | TensorFlow | Data Architecture | JIRA | Jenkins

# PROFESSIONAL EXPERIENCE

 **Junior Software Developer,** *Softvan Pvt. Ltd* 09/2019–08/2020

* Implemented and managed the complete software development life cycle, including coding standards, code reviews, source code control, and build processes, with a team of 10+ developers to optimize system performance.
* Applied software engineering patterns to effectively and efficiently identify and address issues, leading to a notable 20% decrease in debugging time.
* Facilitated daily scrum meetings to communicate sprint cycle updates and promote transparency, leading to improved efficiency and 100% on-time completion of tasks.
* Applied SQL for data retrieval and manipulation, demonstrating a solid understanding of database concepts.
* Used front-end development technologies such as HTML, CSS, and JavaScript to collaborate with UI/UX designers and implement user interfaces.
* Showcased a solid understanding of core web principles, encompassing HTTP, DOM, SSL, and web servers.
* Worked closely with stakeholders to understand user requirements and implement enhancements that optimize user experience and overall system performance.

# EDUCATION

**Ontario College Graduate Certificate in Web Development,** *Conestoga College* 09/2021 – 12/2022 | Waterloo, Canada

**Bachelors in Computer Engineering,** *LJ University* 08/2017 – 06/2021 | Ahmedabad, India

# PROJECTS

**Influencer Management System** 09/2022 – 12/2022

* Created a user-friendly web application that enabled influencers to easily access information from the portal and create compelling content for impactful marketing campaigns endorsed by the registered brands.
* Deployed an Influencer Management System based on the MERN stack, utilizing AWS EC2, S3, and SNS services to significantly enhance uptime availability by 95%.
* Executed thorough threat detection and analysis, detecting and analyzing user behavior patterns among registered influencers to ensure robust system security and integrity.
* Leveraged in-depth user requirements knowledge to identify and resolve software bugs, addressing issues for over 150 users within 4 months.

 **Hygiene Surveillance** 12/2020 – 03/2021

* Developed a robust Hygiene Surveillance system using Java to monitor and track restaurant operations.
* Conducted preprocessing of large data samples by extracting, transforming, and loading data, and prepared over 100 analytics reports to support statistical testing and hypothesis formulation.
* Utilized TensorFlow and computer vision techniques to create a highly accurate hygiene surveillance system with a 95% object identification accuracy rate.
* Integrated deep learning methodologies to effectively track infection control measures, contributing to a 10% improvement in global hygiene awareness.