

MOHINI BUDHALE
Chicago, IL 60608

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Education

Master of Science - Information Technology Management Illinois Institute of Technology (GPA: 3.9/4.0)	May 2024 Chicago, Illinois
Bachelor of Science - Computer Engineering Pune University	May 2019 Maharashtra, India

Work Experience

Software Engineer Intern IODEV	Jan 2024 - Apr 2024 Chicago, Illinois
<ul style="list-style-type: none">Collaborated with the CTO to analyze requirements and implement new features in the custom ERP software, improving functionality and user experience, resulting in more efficient operations.Assisted the CTO in administrating and maintaining existing AWS cloud infrastructure (EC2, RDS, IAM, S3, Lambda, CloudTrail).Performed bug fixes and improved functionality by writing and debugging code.	
Software Engineer Sagitec Solutions	Sep 2019 - Dec 2022 Pune, India
<ul style="list-style-type: none">Collaborated with senior developers to design and develop high-performance Java applications using Java and Spring Boot frameworks, optimizing application efficiency and functionality.Improved database interactions and ensured data integrity with efficient data handling using ORM Frameworks JPA and Hibernate.Optimized resource usage and enabled scalable deployments by utilizing Docker containers.Developed familiarity with Microservices architecture using Spring Boot and REST API, gaining exposure to modern software development practices.	

Certifications

Amazon Web Service (AWS) Link	
<ul style="list-style-type: none">Certified Developer - Associate	Jun 2024
<ul style="list-style-type: none">Certified Cloud Practitioner - Foundational	Jun 2024

Leadership Experience

Illinois Institute of Technology	Aug 2023 - May 2024 Chicago, Illinois
<ul style="list-style-type: none">Teaching Assistant: Assisted the primary instructor by leading review sessions and facilitating group discussions, which improved student understanding and engagement with the course material. This experience sharpened my ability to communicate complex topics effectively.Student Academic Coach: Provided personalized academic coaching to peers, guiding them to achieve academic goals and refine their learning strategies, enhancing my skills in mentoring and supporting others' academic development.Event Organizer: Organized and executed events for the ITM department, creating fun and informative experiences for students, while refining my organizational and leadership skills.	

Projects

Chicago Oriental Wholesale Market (COWM) Link	Jan 2024 - Apr 2024
<ul style="list-style-type: none">Helped implement a new feature involving QR code generation, automatic uploading to S3, pdf decoding, and AWS Lambda to create digital invoice records in RDS.Troubleshoot payments table search, allowing users to field accounts receivable inquiries more efficiently.	
Inventory Management System	Sep 2023 - Dec 2023
<ul style="list-style-type: none">Developed an inventory management system using Java, Spring Boot, ORM with JPA and Hibernate, and Bootstrap for the frontend. Integrated customer, vendor, sales, purchase, product, and inventory data.Deployed the system on AWS Elastic Beanstalk, utilizing its automated scaling, load balancing, and monitoring capabilities to ensure high availability and robust performance.	
Ohio School Employees Retirement System (OHSERS) Link	Sep 2019 - Dec 2022
<ul style="list-style-type: none">Improved pension payout accuracy by resolving system errors and aligning calculations with the federal fiscal year. Collaborated with senior management to ensure compliance with budgeting and reporting standards. This improved accuracy in pension benefit calculations.Enhanced the efficiency of benefit claims by optimizing code, thereby reducing processing times and ensuring timely pension disbursements to retirees.	

Technical Skills

- Programming Languages:** Java, C#, Python, JavaScript, HTML, CSS.
- Frameworks:** Spring, Spring Boot, ORM Frameworks (JPA, Hibernate), REST API.
- Cloud Technologies:** AWS EC2, IAM, S3, Lambda, RDS, Docker, Kubernetes, DynamoDB.
- Databases:** RDBMS, MySql, SQL Server.
- DevOps:** Docker, Kubernetes, Jenkins, Maven, Gradle, GIT.