

# Yash Pawar

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## Education

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### Master of Science in Information Systems

Northeastern University, Boston, MA

Expected May 2024

**Relevant Coursework:** Database Management and Design, Application Engineering Development,

CGPA: 3.815

### Bachelor of Engineering in Information Technology

Sinhgad College of Engineering, Pune

Aug 2016 - May 2020

**Relevant Coursework:** Design Analysis of Algorithms, Cloud Computing, Software Engineering and Project Management, Distributed Computing Systems, Problem Solving, and Object Oriented Programming

CGPA: 7.97

## Professional Experience

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### Senior Software Analyst, Capgemini, Bangalore (IKEA)

Nov 2020 - Sept 2022

- Architected and built Performance & Monitoring for specified batches performing database operations using Oracle and Java Frameworks
- Led team in building and automating micro-applications which reduced employee load by 13 man hours/week
- Designed and Created several applications for Employee productivity Tracing and Logging which improved Employee performance yield by 72%

### Intern, Capgemini, Pune (Asset Management System)

Jan 2020 - Jun 2020

- Implemented scalable Asset Management System currently used by Companies having over 50000 employees
- Adopted the agile mindset to consolidate and incorporate client inputs in web application deliverables
- Awarded by leadership for contributing to core functionalities across different micro-services via the development of multiple features, research, optimization, and testing, including tracing and tracking of asset orders, managing the lifecycle of dispatch events, etc

## Skills and Expertise

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- **Programming languages:** C, Java, Python, C++, JavaScript
- **Web:** HTML, CSS, Bootstrap, Node JS, Angular JS, jQuery, TypeScript
- **Databases:** Oracle 11g, MongoDB, MySQL, PostgreSQL, SQL Server, SQLite
- **Cloud and Distributed Computing:** AWS, Google Cloud Platform, Heroku, Cloud Foundry
- **Software Tools:** Eclipse, IntelliJ, STS, VS Code, Netbeans, Github, SonarQube, Jenkins, SQL Workbench

## Relevant Projects

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### IKEA MHS-RRM (Java, Python, MySQL)

May 2021 - Sept 2022

- Spearheaded the development of Automation software for reducing load on the incident management team
- Reduced application data redundancy and Incident Load management by 37%
- Involved in problem-solving with technical stakeholders to suggest and implement futuristic generic solutions

### Productivity Analysis (Spring, Hibernate, PostgreSQL, Angular JS, Tomcat)

Aug 2020 - May 2021

- Designed and Developed an annotated Spring Rest controller to track and analyze employee productivity
- Engineered efficient analysis algorithms and incorporated Twilio API for email and text notifications
- Increased employee productivity by an average of 72% per month

### Asset Management System (Spring MVC, Hibernate, Angular JS, PostgreSQL, Heroku)

Jan 2020 - Aug 2020

- Constructed and hosted a customizable application for managing company and personal assets
- Incorporated and researched the latest market data to introduce new features and analysis on asset acquisitions
- Migrated the entire solution to Cloud enhancing scalability, security, availability, and flexibility

### E-Learning System (Java, Node JS, Html, CSS, Bootstrap, AWS S3)

Aug 2018- Jun 2019

- Designed and built an E-Learning application with student tests and interactive sessions
- Introduced custom algorithms such as KNN and AES which reduced response time by 783 milliseconds
- Won an award for efficiency and creativity in Ideazz 2k19