

ANKIT JAGTAP

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EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science in Information Systems

Boston, MA

Expected May 2023

- Relevant coursework: Application Engineering Development, Data Management and Database Design

UNIVERSITY OF MUMBAI

Bachelor of Engineering in Electronics and Telecommunication

India

Graduated May 2018

- Relevant coursework: Operation Systems, Structured Programming Approach
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TECHNICAL SKILLS

- Programming Languages: Java, C, JavaScript, SQL, HTML, CSS
 - Framework: Swing, SpringBoot, Angular, MVC
 - Database: MySQL, Microsoft SQL Server, WampServer, phpMyAdmin, SSIS
 - Cloud Technologies: Microsoft Azure, Google Cloud Platform
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EXPERIENCE

HEXAWARE TECHNOLOGIES

Associate Software Engineer

November 2018 - July 2021

- Developed web portal for legacy mainframe system and migrated UI framework using HTML5 and CSS3 concepts
- Formulated reusable Angular components to display multiple dashboards improving efficiency by 80%
- Automated obsolete trade settlement process reducing manual efforts by 70% and saving \$1M/year
- Administered unit testing, deployed applications, supported UAT testing by debugging and fixed issues tracked in JIRA
- Facilitated team in making architectural decisions to implement a fully automated system using business rules from the database
- Coordinated with onsite team and customers for Go-Live and provided post-implementation support

Software Engineer Trainee

July 2018 - November 2018

- Underwent training program to expertise in multiple stack technologies viz. Java, SQL, JavaScript, Unix, Git and AWS to deliver modular applications in an Agile software development lifecycle
 - Created leave management web portal in an Agile SDLC with 4 main objectives viz. view leave dashboard, apply leaves, cancel applied leaves, while manager can approve or reject respective leaves
 - Utilized Java programming at backend, Angular framework at frontend, MySQL for retrieving data, and AWS as a cloud platform
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PROJECTS

ORGAN TRANSPLANTATION SYSTEM (JAVA, SWING, FIREBASE)

Course: Application Engineering Development

November 2021 - Present

- Developed a web application with real time request matching and email notification using Java Swing framework to design forum to donate blood, organs and benefit people in need and analyze donor and beneficiary supply and demand
- Built a role-based authentication module with 20 work requests consisting of 4 enterprises and 10 organizations
- Designed a reporting module that would provide summarized view of organ transplantation status along with statistics

INTELLIGENT STREET LIGHTING SYSTEM (IOT, ARDUINO)

University of Mumbai

July 2017 - March 2018

- Designed an IOT based street lighting system resolving 4 main problems viz. unnecessary usage of lights, insufficient data on faulty lights, light intensity independency and delay in emergency services
 - Automated street lighting system with 90% energy efficiency by innovating a dashboard with usage statistics based on LDR, IR, and power sensors and a smart button for a quick emergency response
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ACTIVITIES & AWARDS

- Awarded as Ace of quarter for Q2-2020 at Hexaware Technologies' Global Awards' ceremony. September 2020
 - Volunteered for Head Held High; an NGO to teach underprivileged students English' and develop more essential English listening skills during the COVID-19 pandemic. June 2020 - July 2020
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VOLUNTEER WORK

GRADUATE STUDENT GOVERNMENT, NORTHEASTERN UNIVERSITY

Student Senator

October 2021 - Present

- Represented voice of graduate student body and recommended legislation regarding university life, policies, and concerns of the graduate student body to the University President