

TANMAY DEEPAK PATIL

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EDUCATION

Master of Science in Information Technology Management, Illinois Institute of Technology Chicago (GPA - 3.5/4.0) Aug 2019 - May 2021
Relevant Coursework: Object-Oriented App Development, Advanced Topics in Data Management, ITM Frameworks, Client/Server Technologies and Applications, Data warehousing, Data Analytics, Vendor Management/ SLA's, Service-Oriented Architectures, Project Management
Bachelor of Engineering in Computer Engineering, University of Mumbai (GPA - 3.31/4.0) Jun 2014 - May 2018

TECHNICAL SKILLS

Languages: Java, J2EE, Python, C, C++, BlueJ, R
Web Technologies: JavaScript, React, HTML5/CSS3, Angular, Node.js, Bootstrap, jQuery, JSON, XML, Firebase, Backbone, UI design
Cloud Technologies: GCP (Google Cloud Datastore, Google Cloud SQL, Google Cloud Storage), AWS (EC2, S3, EMR)
Software Tools: Git, Visual Studio 2017, Visual Studio Code, Eclipse, PowerShell, Net-Beans, PowerBi, Junit testing, Tableau, Microsoft Visio, JIRA, Perforce(P4V), Mantis, PhpMyAdmin, WAMP, Postman, Jenkins, Pentaho, NPM, CI/CD pipeline, Jasmine
Databases: MySQL, MongoDB, SQL Server
Certifications: AWS Data analytics fundamentals, Advance Google Analytics

WORK EXPERIENCE

Web Developer and Support Intern, NimbleHeart, Inc, Sunnyvale, CA Jan 2021 - Present

- Managed the operation and development of websites and web applications while collaborating with business owners to enhance their web strategies and presence online. Designed and developed landing pages, email templates, infographics and more
- Worked within an agile team and helped prioritize and scope feature requests to ensure that the biggest impact features were worked on first. Built extensive test coverage for all new features which reduced the number of customer complaints by 7%

Teaching Assistant, Illinois Institute of Technology, Chicago, IL Aug 2020 - Present

- TA for the courses of **Object-Oriented App Development and Java Programming**.
- Handled a class of **100+** students, assessed exams, graded assignments, presentation, and conducted office hours
- Guided and helped students with Object-Oriented programming concepts including Inheritance, Encapsulation, Interfaces, Polymorphism and Object Analysis and Design (OOAD) along with Junit testing

Full Stack Web Developer Intern, TheBulletin.io, Chicago, IL Jun 2020 - Dec 2020

- Improved company's website with 8 advanced features and migrated the platform from **AngularJS to Angular**. Migrated a multi-page user experience into a single page app which improved customer engagement by **8%**
- Worked on building new Angular components for the web app which improved the time on page for the average user by **2 minutes**
- Increased client's audience up to **31%** by leading geo-targeted marketing campaign, incorporating business analytics and visualizing it by using PowerBi

Software Engineer, Supreme Elmech Pvt. Ltd, Aurangabad, India Jun 2018 - Jul 2019

- Developed a web application for serving **5-10** critical workflows in automotive manufacturing process lifecycle as part of one of the projects. Created financial dashboards/visualization using Tableau, to project and present monthly savings to the client
- Analyzed sales figures, data quality using SQL workbench to find redundant, fraudulent figures that hampered savings. Improved performance of servers by **20-30** percent by archiving and storing excel files on cloud-based platform i.e. Amazon S3

PROJECTS

E-health System (Data Mining & Java) Sept 2019 - Nov 2019

- Developed a medicine recommender system using JAVA which supports user to diagnose the disease based on the symptoms
- Modeled an image processing tool using JAVA which predicts **75%** of the skin problems and assists the user to know the diseases

Smart City Traveler (Android, JAVA, HTML & CSS) Jul 2018 - Nov 2018

- Developed an android and web-based system using JAVA, HTML & CSS which provides the users with multiple travel itineraries that fulfill their requirements and benefiting user by cutting down **45%** of time and cost constraint

Website for Dental Clinic (MySQL, HTML, CSS & JavaScript) Apr 2017 - May 2017

- Implemented a website using HTML, CSS & JavaScript allows the patients to register, book appointments and schedule their routine checkups, and recording all the patient details and inputs in MySQL database which helps **35%** in managing the patients record and ongoing treatment

COVID-19 Data Analysis and Visualization (SQL Workbench, ETL, Pentaho, PowerBi) Feb 2020 - Apr 2020

- Created ETL jobs and transformations using Pentaho tool, performed complex SQL queries and created data model using SQL Workbench
- Created dashboards for the recovered count, death count, positive/negative tested based on population and location using PowerBi tool

LEADERSHIP / PUBLICATION

- Out-Reach Chair - IITC Information Technology Management Organization Nov 2020 - Present
- Publication - Smart City Traveler Using Android in ICCCV-2018 Jan 2018
- Publication - Intelligent Traffic Control System using RFID in ICCCV-2017 Jan 2017