

Aditya Dhonde

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SCHOLASTIC RECORD

Year	Degree	Institute
2022	B.Tech (Computer Science and Engineering)	Dr. Babasaheb Ambedkar Technological University (8.53/10)
2025	M.S (Computer and Information Sciences)	New Jersey Institute of Technology

SKILLS

Languages			Frameworks	Miscellaneous		
C++	SQL	C	Node.js-Express	MongoDB	Android Security	Amazon Web Services
Python	JavaScript	Java	Flask	MySQL	Google Play Policies	Google Cloud Platform

PROFESSIONAL EXPERIENCE

Accenture	Specialist - MooseForce Technical	Nov 2022-July 2023(9 months)
Objective	To prevent Mobile Unwanted Software (MUwS) by reverse engineering Android apps and data collection.	
Methodology	<ul style="list-style-type: none">Examined potentially suspicious call chains for an app and determined if they are harmful using Quokka review tool.Scanned an app from a source point which is a method till a target url leaking data without adequate disclosure.Created detailed investigation document via Google docs and recorded granular information about the call chains in it.	
Results	Achieved daily target of reviewing 15 apps with 100% quality, protecting all Android app users by data collection.	
Cognizant	Project Intern	Jan 2022-May 2022(5 months)
Objective	To be able to implement data integration to communicate between diverse databases and formats using a single interface.	
Methodology	<ul style="list-style-type: none">Analyzed multiple databases and formats of Big Data for ETL process to maximize efficiency by reducing data breachIncreased proficiency in Informatica Powercenter tool to enhance data integration along with high-performanceData Warehouse further assembles information from many sources for analysis to improve business operationsWorkflows and the tasks help in parallel processing and load balancing after successfully defining source and targetHadoop stores and processes data inexpensively and at large scale by clustering multiple computers for further assay	
Results	<ul style="list-style-type: none">Optimized business process by forecasting financial trading and monitoring daily customer needs	
CodeAppMedia	Project Intern	Oct 2021-Dec 2021(3 months)
Objective	Develop an Online compiler with teaching assistance and data security features.	
Methodology	<ul style="list-style-type: none">Researched bug of platform such as optimization errors and solved them by website caching along with reducing pluginDual ports for data security along with Middleware authorization and Tokenization using bcrypt are built in backendWebsocket.io established networks to interact between teachers and students for meetings and coding simultaneouslyMultiple modes and languages is provided for flexibility between users varying from beginner to expert developer	
Results	<ul style="list-style-type: none">Achieved increment in student success rate by +40% measured on employment status concerning competitive coding	

PROJECTS

Project 1: Android App Development		July 2020-Dec 2020 (6 months)
Objective	Build a popular gaming Android app that works as brain – training tool that improves critical thinking	
Methodology	<ul style="list-style-type: none">Identified USP of product to ensure users and created a .xml file to manage the User Interface (UI) of the applicationEnhanced User Experience (UE/UX) based on user inputs and impart dynamic images and animation function with Java	
Results	<ul style="list-style-type: none">Successful launch on Google Play Store with an average rating of 4.1/5 and over 10k downloads within 2 months	
Project 2: Enterprise Resource Planning (ERP): E-billing System		
Objective	Create a repurposable E-billing System for efficient business ops management and data analytics for Business Intelligence	
Methodology	<ul style="list-style-type: none">Analyzed process gaps for the organization and laid the execution plan in accordance with the manager on a BRDProvided MariaDB to store data and built a webpage using PHP and MySQL for a client owned custom databaseConnected Xampp with Apache HTTP server to enable easy, secure E-billing system (applicable for other businesses)	
Results	<ul style="list-style-type: none">Achieved 20% faster processing of receipts and stronger security than paper and snail mail which may lose dataProvision of data analytics for Business Intelligence which has an estimated inventory savings of 12% i.e. INR 12 LPA	
Project 3: Web development project to increase customer outreach		
Objective	Create a corporate website for a a) Health and fitness organization and b) Beauty solution company	
Methodology	<ul style="list-style-type: none">Analyzed the target market to identify the user requirements and bridge the gap between customers and businessUnderstood business expectations, designed BRD and a Design Document with technical requirements and the planDeveloped a user-friendly frontend of a webpage using various technologies including JavaScript, HTML, and CSSCreated backend using NodeJS runtime environment that executes JavaScript code outside a web browserManaged database in MongoDB while using Express framework and Mongoose to serve the HTML webpage	
Results	<ul style="list-style-type: none">Successfully hosted website on Amazon Web Services(AWS) post User Acceptance Testing(UAT) using MVP methodSuccessfully built frontend, backend, and database for both corporate websites increasing customer outreach by +50%	

ACHIEVEMENTS

Coding Event	Top 100 All India Rank in Developer Student Club's 'get .set .code' coding competition held by Codechef
Corporate Events	Improved subsequent global ranking in competitive coding by Google Kickstart (Top 25% -> Top 10% -> Top 2%)
Programming	Qualified Google Codejam with a global rank of 7844 among 156880 participants i.e. Top 5%ile global level
Project	2nd Rank out of 1500+ candidates in Competitive Programming at Division level held by GeeksforGeeks
	Best Project Winner in the TechFest of JNEC (ANKUR 1.0) by building a functional Automated Wire Cutting Machine

POSITIONS OF RESPONSIBILITY

Lead	GeeksforGeeks Student Chapter Lead, conducted multiple events-inaugural sessions, lecture talks, coding events, etc
Captain	Led Football Team of JNEC Aurangabad at State Level and bagged the 1 st runner up position among 61 colleges
	Led Cricket Team of JNEC Aurangabad at University Level and bagged multiple trophies
Cultural Club	Organized several events and mentored juniors for the Dramatic Committee of JNEC Aurangabad
Campus Ambassador	Organized programming events and successfully increased student community by 200% for HackerEarth Program
	Increased outreach for competitive programming by promoting various events for Techfest IIT Bombay