Dhiren Chotwani

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EDUCATION

Santa Clara University, School Of Engineering, Santa Clara, CA | Sep. 2022 - Jun. 2024
Master of Science in Computer Science & Engineering

University of Mumbai, Vivekanand Education Society's Institute of Technology, Mumbai, India | Aug. 2017 - Oct. 2020
Bachelor of Engineering in Computer Engineering — **GPA: 3.87/4.0**

Maharashtra State Board of Technical Education, Vivekanand Education Society's Polytechnic , Mumbai, India | Jun. 2014 - Jun. 2017
Diploma in Computer Technology — *Percentage: 87.7*

TECHNICAL SKILLS

Languages/Technologies: C, C++, C#, Java, PHP (CodeIgnitor, Laravel), .NET, Python

Databases: MSSQL, MySQL, PostgresQL, GraphQL

Web Development: HTML, CSS, JS, jQuery, Bootstrap

Frameworks: Node.js, Express.js, Vue.js, React.js, Angular, ASP.NET, JavaFX, React Native, Quasar, AgGrid

Misc: AWS, Azure, Git**,** Github, BitBucket, JIRA, Linear, Azure DevOps, CI/CD, WordPress, Eclipse, Visual Studio, IIS

EXPERIENCE

Indus Valley Partners, Mumbai, India | Jul. 2020 - Aug. 2022
Associate Software Engineer

- Designed & Developed Interactive UI components using **Vue.js, React.js, Angular and Node.js** to allow easy access to operations and improve end-user response time.
- Pioneered **Office Add-ins** to support custom operations for Outlook/Gmail.
- Utilized **AWS-S3** service using Node.js/Vue.js to allow object storage through a web interface for a document repository.
- Added **Egnyte API** for file synchronization & sharing along with data governance to restrict data access on user role level.
- Programmed **SQL Server Integration Services (SSIS)** to execute a wide range of data migration tasks along with **MS SQL Server.**
- Constructed an MVC-based **.NET** application to provide backend support for a full-fledged Investment Firm (Risk data) dashboard, enabling the Risk Team to conduct data operations in an efficient way with faster data updation and retrieval.
- Built **Azure Data Factory Pipes** to pull in huge loads of data from various sources (Database, XML, Excel, CSV) and load data into **Synapse** Workspace, making ETL operations faster by 52% and enhancing scheduling capabilities.
- Implemented Automated Report Delivery using **SSRS** for Custom Templates for various stakeholders.
- Integrated latest libraries **Quasar, Vuetify, Material UI** to innovate more efficient, modern and scalable components.
- Created UI Test cases using automated testing tool **Cypress** to perform Unit & Integration testing.
- Managed a team of three (interimly), with duties including client engagement, business requirements gathering, architecting solutions, scrum master and progress tracking.

PROJECTS

Watch My Files, Desktop Application (C#, WPF, Msg91) | May. 2020
- Engineered a C# WPF application empowering users to instruct the system to monitor all actions on selected directories while they're away.
- Additionally, it sends a standard Text Message/Email alerting users of any flagged action occurring in the monitored directory.

Coreveillance, Platform Independent App (React Native, PHP , MySQL, OpenCV, ML, Expo) | Jun. 2019 - Mar. 2020
- Designed & Conceptualized a real-time application based on video analysis and machine learning offering top-notch security features to residential and non-residential sites.
- Led a team of three contributors and published a paper at the Springer International Conference on Information and Communication and Technology for Intelligent Systems 2020, Vol 2, Issue 2 DOI: **10.1007/978-981-15-7062- 9_68.**

Aptifiers, Web Application (HTML , CSS , JS, jQuery , Bootstrap , OOP PHP , MySQL , OpenCV) | Jul. 2018 - May. 2019
- Devised & Collaborated with a team of two to implement an online portal to conduct multiple-choice tests.
- Included features for determining a person's authenticity using image recognition principles, ensuring no malpractices happen and displaying performance metrics for all users.