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##### **Chandrakanth Chittappa**

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| **EDUCATION** |
| **Northeastern University, Boston, MA**  **Expected August 2021**  ***Master of Science in Information Systems***  *Courses*: Network Structures and Cloud Computing, Application Engineering & Development using Java, Web Design & User Experience Design, Web Tools & Methods, Smartphone based web development, Database Management & Design |
| **Visvesvaraya Technological University, Bangalore, India June 2015**  ***Bachelor of Science Engineering in Electrical & Electronics Engineering***  *Relevant Courses***:** Programmingin C, Object oriented programming with C++ |

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| **TECHNICAL SKILLS** | |
| **Languages** | JavaScript, Java, C#, Swift |
| **Frameworks** | Express.js, Spring MVC, Junit, ASP.NET (MVC), iOS SDK |
| **Database** | MySQL, Oracle, MariaDB, MongoDB, MSSQL, SQLite, PostgreSQL |
| **Web Technologies** | React, Redux, Node.js, AJAX, CSS3, Bootstrap, jQuery, HTML5 |
| **Cloud Technologies** | EC2, AMI, AWS S3, IAM, RDS, Dynamo DB, SNS, SES, Terraform, Auto Scaling, Lambda, Firebase |
| **Development Tools** | Visual Studio Code, Eclipse, STS, IntelliJ IDEA, XCode, Visual Studio, Postman, Git, Bitbucket |

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| **PROFESSIONAL EXPERIENCE** |
| ***Retail Business Services, Massachusetts, United States***  **Food Ordering & OOS Detection Application Back-End Developer Co-op** **Jan 2021 – Present**   * Built RESTful APIs for a food ordering and Out of Stock Detection application using **NodeJS, Express** and **MongoDB** * Built RESTful APIs for creating an XML file through a **microservice** which is generated when the customer picks up the order * Created a **socket.io** channel for enabling server to client real time communication when there is an out-of-stock item * Implemented **Service Bus** and **Functional apps** to trigger notifications regarding an out-of-stock item for every 30 minutes * Created builds and images using **Docker** and deployed the application on multiple environments namely Dev, QA and UAT * Designed models and wrote complex **aggregate** queries to convert non schema NoSQL data to schema-based data * Modeled and built RESTful APIs enabling login of any user to the application and the session was handled through **JWT** tokens   ***Accenture, Bengaluru, Karnataka, India***  **Website Development Software Engineer Jun 2018 - Jun 2019**   * Spearheaded end-to-end development of a product module of a website for trading household items using **MERN stack** framework while working in an **Agile (Scrum)** Development Team to deliver regular updates * Built fault-tolerant RESTful APIs using **NodeJS** and **Express** framework to supply solidified client information from different databases; diminished the support group exertion by **12%** and impressive sum of time for the Trade clients * Utilized **React library** to assemble User Interface (UI), made responsive website pages using **React Bootstrap**; operated on **Lifecycle Methods, State and Props** to create stateful reusable components   **Supply Chain Management** **Software Engineer** **May 2017 - Jun 2018**   * Steered backend development of asset tracking module of inventory management application to handle the supply chain management of Xbox and Microsoft Surface pro units using **C#, ADO.net,** and **ASP.net** framework * Monitored the above-developed system through **Azure Analytics** thereby improving the response time by **15%**   **Financing tool Management Associate Software Engineer** **Mar 2016 - Apr 2017**   * Developed RESTful APIs for the pricing and costing module of a **Spring MVC** and **Hibernate** based application for taking care of financial aspects of the outsourcing deals in Accenture by including the tax management system * Analyzed and developed internal project finance tracker and Revenue Dashboards using **React**, **Spring MVC** and **Hibernate** by transporting JSON data through Spring RESTful APIs which optimized the project delivery time by **18%** |
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| **ACADEMIC PROJECTS** |
| **Shrewd CartApr 2020 - Jun 2020**   * Devised a secure online cart using **React, Node and MySQL** for trading books by implementing strong secure authorization using **BCrypt** and **JWT tokens;** utilized **Redux** for state management and **Axios** to call APIs and fetch data * Hosted the application on AWS using **Terraform** and AWS resources such as Linux **EC2 instances, Route53, CloudWatch, SES, SNS, SQS, IAM, RDS, AWS Lambda, NoSQL (DynamoDB) and S3 object-store** * Implemented Continuous Integration/Continuous Deployment using **GitHub, CircleCI and Amazon Code Deploy** |
| **Spot SteererJan 2020 - Mar 2020**   * Outlined and actualized an **iOS app** using **Swift** and **iOS SDK** for Entrepreneur’s club at Northeastern University to assist in the hiring process in this manner expanding outreach of internship openings in tied startups * Achieved successful data persistence, server-side management and analytics through **Firebase**   **Smart Manager Jan 2020 - Mar 2020**   * Created a **Spring MVC** and **Hibernate** project for simplifying project management considering roles and task scheduling |
| **Greener Aug 2019 - Dec 2019**   * Visualized and built an eco-friendly arrangements pitstop using **MERN stack;** highlights included genuine-time tweets show, utilizing google maps API for locating drop of points and PayPal Sandbox for payment processing * Developed REST APIsusing **Node, Express** and **Mongo** to perform CRUD operations for trading eco-friendly products   **Fundraising Simplifier Aug 2019 - Dec 2019**   * Created a **Java** application to assist in raising funds and digital promoting to timed monitoring of organizers and volunteers which coordinates with Facebook and open source fraud collection to perform operations in real time  |  |  |  | | --- | --- | --- | | **CERTIFICATIONS** | | | | Programming in C# (70-486) | **Microsoft** | Hyderabad, India | | Developing Microsoft Azure Solutions (70-583) | **Microsoft** | Hyderabad, India | |