NEHA RAMACHANDAR Stockton, California Phone : +1 931-371-4939 Email: n\_ramachandar@u.pacific.edu LinkedIn Profile: https://www.linkedin.com/in/neha-r-chandar-981864238 EDUCATION Master of Science in Computer Science Aug 2022 – April 2024 University of the Pacific, Stockton, CA Bachelor of Engineering in Computer Science and Engineering Aug 2016 – May 2020 Siddaganga Institute of Technology, India EXPERIENCE Application Development Associate- Java Developer | Accenture, Bangalore Feb 2021 – May 2022 • Worked as Java Consultant to the client BHP Billiton. By making use of Java’s database libraries, JDBC(Java’s Database Collections) Security troubleshooting and end user support was handled. • Have been a critical part of Go-live activities. • Created roles, profiles, user ID's and custom authorization objects. • Maintained Java Identity Management (JDM) to support Identity and Access Management (Single Sign ON (SSO), User life cycle management) Resolved vulnerabilities through mitigating/compensating controls or process redesign and implementing Aradhya Brilliance Java technology solutions. • Designed Java roles and perform HANA User Administration using Java. Created and authorized Java Roles for Developer, Modelers, Database Administrators, and End Users Special Projects Assistant | Sustaining Pacific, University of the Pacific, CA May 2023-April 2024 • Data gathering and analysing for sustainability reports using AASHE STARS tool were implemented using Java. • Collaborate effectively with cross-functional teams and stakeholders to achieve project objectives. • Researching and implementing sustainability initiatives. • Creating summary reports with benchmark graphs for effective communication. • Assisting with marketing, outreach efforts, and event coordination to promote sustainability. TECHNICAL SKILLS Programming languages-C, C++, Java, OOP, HTML, CSS, PHP, Python (Certification)-Pandas| Java Basis, Security, Fiori | Database Management System- SQL| ETL Tool -Snowflake| Project Development- Jira Agile(Certification), Scrum(Certification)| Visualization tools- Tableau, Power BI, Microsoft Visio Microsoft office tools: Word, PowerPoint, Excel PROJECTS Grade Management System: • The Grade Management System is a web-based application that allows users to input their scores and receive their corresponding grades. • MySQL was used to build the system and store grade criteria. • The system matches a user's score to the appropriate grade based on the criteria in the database. • PHP was used to create a dynamic and user-friendly application for managing grades. Web Application – Steganography • This project is a tool for concealing messages within images using a cryptographic transform technique. • To use the application, a user selects an image and enters a message to be concealed. • The application applies Java’s BLOB(Binary Large Objects) transform to the image, hiding the message within it. • The resulting image appears unchanged and can be shared with others, who can then use the application to retrieve the concealed message. IOT Application – Automated IOT Plant Irrigation System • Designed and developed a smart irrigation system for remote monitoring and control of plant watering. • Implemented sensors connected to an Arduino board that measure soil moisture levels and send real-time data to a dashboard built using Java, HTML, and CSS. • Enabled users to view moisture levels and set up automatic watering schedules or manually water their plants remotely, improving plant health and growth. Web Application – Pac-man Game • The Pac-Man Game is a web-based application that allows users to play the classic arcade game in their web browser. • Java is used for game logic and character movement, and a Java’s program were used to convert JSON file to store game settings. • The user controls Pac-Man's movement through the maze using cursor keys assigned with Java Code. • The objective of the game is to collect all the dots in the maze while avoiding the ghosts. EVENTS Inter- Collegiate Hackathon • Developed a location tracking system using GPS technology. Set up a communication system using cellular technology for real-time tracking. Implemented using Java a system that allows for the tracking available ambulances within a 100 km radius were implemented using Java. • Utilized a mapping system and mapping API to visualize and track ambulance locations. Created a user interface for accessing and viewing location data Java’s Swings.