

Kailash Prakash Chivhe

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EDUCATION

The University of North Carolina at Charlotte , Charlotte, NC Master's of Science, Computer Science, GPA: 3.9/4	May 2023
Maharashtra Institute of Technology World Peace University , Pune, India Master's of Science, Computer Science, GPA: 9.79/10	May 2019
Fergusson College, Pune University , Pune, India Bachelor's of Science, Computer Science, GPA: 82.58/100	May 2017

TECHNICAL SKILLS

Languages: C, C++, Java, JSP, Kotlin, Dart, Typescript, Javascript, HTML, CSS, Python, PHP.

Databases: Firebase, MySQL, PostgreSQL, Room database, MongoDB.

Technologies: Hibernate, Struts, Spring, Servlets, NodeJS, Android, Angular 8, Apache, Git, TCP/IP, UDP, MQTT, HTTPS, SOAP, Restful API, Docker, Firebase cloud functions, Jenkins, Jira, Amazon Web Services (S3, EC2, Amplify), Heroku, Braintree, Socket Programming, Appium, Linux, Maven, Gradle, Test-driven development, JUnit, AngularJS, Maven, JSON, Tomcat, Azure, Swagger.

Certifications: Applied Machine Learning in Python (University of Michigan, Coursera), Reactive Angular RxJs (Udemy), M.E.A.N stack (Udemy), M100: MongoDB for SQL Pros.

WORK EXPERIENCES

Graduate Research Assistant, University of North Carolina at Charlotte, NC - Successfully researched and developed VIFI infrastructure under Dr. William Tolone. - Constructed server configuration and workflow test scripts for Cleveland State University and Louisiana State University. - Performed migration from Docker to Singularity and revised installation document as per Python3 interpreter.	June 2022 – Present
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Software Engineer Intern, Appzly Inc, Charlotte, NC - Successfully integrated MVVM architecture for the Envision and ISN applications. - Composed JUnit test cases and used Android profiler for analysis and testing. - Developed Firebase cloud functions to update data on the firebase cloud database. - Transformed Figma/Zeplin wireframes to native Android application.	May 2022 – August 2022
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Graduate Teaching Assistant, University of North Carolina at Charlotte, NC - Assisted in teaching technologies such as HTML, CSS, jQuery, AJAX, and Javascript to 40+ students per semester. - Graded assignments and projects deployed on AWS S3 and Heroku servers for 40+ students per semester. - Resolved queries of students and other instructional assistants.	October 2021 – May 2022
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Software Engineer, Media Magic Technologies Pvt. Ltd, Pune, India - Implemented features for the DTS PlayFi multimedia application, resulting in increased functionality and usability for users. - Added new skins, OAuth2 login, and third-party library support for Philips sound, Porsche skin, Tidal, Amazon Music, KKBox, and Spotify in the application. - Collaborated with on-shore and off-shore teams to successfully implement Agile methodology for feature development. - Fixed memory leak issues in playback by 10% for TuneIn and TCP/IP socket connection issues.	May 2019 – June 2021
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Software Engineer Intern, Media Magic Technologies Pvt. Ltd, Pune, India - Developed Android and iOS applications utilizing Java and Swift. - Programmed Node ESP8266 and Arduino to communicate with each other using IoT protocols such as MQTT, Zigbee, and BLE. - Successfully increased the efficiency of the project by 8% by resolving memory issues.	November 2018 – April 2019
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PROJECTS

Personalite - Developed a responsive website to depict employees' personalities for employment purposes based on the NEO-FFI test. - Used CRUD operations using Hibernate framework on MySQL database, and designed website using MVC architecture. - Added logging support using log4J for debugging and error logs.	[Java, Hibernate, JSP, MySQL, Spring, Bootstrap, HTML]
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NinerTrade - Developed a responsive website to trade cryptocurrencies on campus using HTML and CSS in the Angular 8 framework. - Designed a well-documented RESTful API to perform user authentication using JWT and CRUD operations on MongoDB. - Handled server/client-side validations and tested APIs using the Jasmine test suite.	[Angular 8, MongoDB, Express, NodeJS]
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Smart Shopping Application - Designed application smart shopping application to display grocery items as per aisles with the help of BLE beacons for designated sections. - Implemented REST API with JWT token validation using NodeJS for login, registration, and fetching data from the database. - Integrated Braintree payment gateway using a sandbox mechanism for purchasing items added to the cart.	[Android, MongoDB, Express, NodeJS]
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Sentiment Analysis - Designed an application to perform sentiment Analysis on a given sentence for happy, sad, and angry emotions. - Prototype application for patients who are advised to read specific news post operations.	[Java, PostgreSQL, JDBC, Java AWT]
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