

Kuldip Patel

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EDUCATION

M.S., Data Analytics

Jan 2022 - Dec 2022

San Jose State University, San Jose, CA

Coursework: Database Systems for Analytics, Big Data Tech and App.

B.E., Computer Engineering

Jul 2016 - Aug 2020

Gujarat Technological University, Gujarat, India

Coursework: Operating Systems, Database Management Systems, Computer Architecture, Computer Networks, Object-Oriented Design, Algorithms and Data Structures.

SKILLS

Programming Languages: C, C++, Java, Python, Kotlin, Golang, JavaScript, PHP

Databases: MySQL, SQLite, MongoDB, Firestore, Redis

Libraries: PySpark, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn

Technologies & Tools: AWS, Git/GitHub, IntelliJ IDEA, PyCharm, VSCode, Visual Studio, Android Studio, Docker, Postman

PROJECTS

Corona Symptoms Detection Chatbot, Big Data Project

April 2022 - May 2022

- Conceptualized and developed a project solving problem of Detecting Covid-19 Symptoms deploying Chatbot.
- Led team of 3 with production of a chatbot service system utilizing Flask for backend and JavaScript for Chatbot.
- Demonstrated project Infront of class and professor reviewing functionality and improvements for future.

AIKYAM, DotSlash 3.0 Hackathon

Feb 2020 - Feb 2020

- Developed a blockchain-based unique person identification system to securely store data in decentralized storage.
- Collaborated with team of 4 on Ethereum Smart Contracts and Web3 technology, using Solidity and JavaScript to deploy it on Ethereum Blockchain.
- Designed to extend its working to be leveraged for different applications such as healthcare, banking, and other government services.

VSManage, Visvesmruti Techfest 2019

Aug 2019 - Sep 2019

- Volunteered with team of 5 to improve experience of technical festival by developing a management system.
- Produced Full stack project consisting of a Web portal with data metrics and certificate generator using PHP and Android application to handle participation management made with Kotlin.
- Obtained 2000+ participation for all events and won an award for best management system in college.

Token Based Authentication System, Industry 4.0 Conference

Mar 2019 - Apr 2019

- Done research and published a paper in security domain to create an algorithm for session data authentication.
- Implemented server in PHP and client in Java and Able to replace old, insecure cookie-based session storage.
- Achieved secure store and authenticated sessions between client and server inspiring by JWT.

WORK EXPERIENCE

Software Trainee, D-Link India Limited, Mumbai, India

May 2019 - Jul 2019

- Designed and implemented a system named "Microsite - D-Link GeM Chatbot Platform" to provide assistance to D-Link resellers to collect information about relevant products.
- Collaborated with peers and faculty to create a web portal and chat-bot leveraging Python and JavaScript to fetch and display product information to resellers for inputs.
- Built Reward system to reward top-performing resellers and interactive chatbot able to attract 20% more resellers.

ACTIVITIES

Lead, Developer Students Club RNPIT

Jan 2019 - Aug 2020

- Organized various seminars and workshops and educate students to obtain knowledge of technologies industries require.
- Administered activities of DSC club in college and responsibly give efforts for smooth running of events.
- Tutored and mentored students and professors to build knowledge about advance technologies.