

PRIYANKA MUKATI

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AREAS OF INTEREST

Middleware · UI · Database (SQL & NoSQL) · Big Data · Analytics · Cloud Computing · Mainframe

EDUCATION

Masters of Science in Information Technology Aug. 2022 - Present
Arizona State University **4.00**

Bachelor of Engineering in Information Technology Oct. 2009 - Jun. 2013
Rajiv Gandhi Proudhyogiki Vishwavidyalaya, India **76.13%**

SKILLS

JavaScript · NodeJS · React · HTML · CSS · PUG · MongoDB · SQL · AWS · Docker · GIT · MainFrame

GRADUATE COURSES

Middleware Programming & Database Security · Data in the Cloud · Info Systems Development

GRADUATE PROJECTS

- PayEasy Loans (Built on AWS infrastructure)** Aug. 2022 - Dec. 2022
Arizona State University *AZ, US*
- Built a full-stack web application that helps users get loans. The web app provides features such as user sign-up, log-in, request a loan, pay the loan, and sign out. The web application is containerized using Docker, published to ECR, and deployed to AWS ECS. *Technologies used: JavaScript, Express, NodeJS, PUG, CSS, MongoDB.*
- Website for disaster preparedness (Full Stack Web Application)** Aug. 2022 - Dec. 2022
Arizona State University *AZ, US*
- Developed a website to help users get prepared for disasters. The registered users submit an emergency preparedness survey. The website generates statistics based on the completed surveys to help CDC understand its campaign progress. *Technologies used: JavaScript, NodeJS, MongoDB, GIT.*

WORK EXPERIENCE

- Teaching Assistant - Middleware Programming & Database Security** Jan. 2023 - Present
Arizona State University *AZ, US*
- Assisting the Professor in providing assignments to 50 graduate students, reviewing submitted projects, and helping students with any technical questions. Technologies used (in projects): JavaScript, Express, NodeJS, PUG, CSS, MongoDB, GIT.
- Software Engineer - Web Services** Apr. 2021 - May. 2022
Virtusa *Pune, India*
- Developed web services to track information of the people experiencing homelessness and shelter logistics to help the municipal government in Pune city to better help the homeless. Technologies: Javascript, NodeJS, MongoDB, CSS.
- Software Engineer - Mainframe** Nov. 2018 - Apr 2021
WorldPay from FIS *Indore, India*
- Monitored over 25K mainframe application jobs on a daily basis. Performed troubleshooting and fixing of job failures, checking for long-running jobs, and investigating jobs for any loopback issues and contention. *Technologies used: Mainframe.*
- Software Engineer - Mainframe** Feb. 2015 - Oct. 2018
IBM *Hyderabad, India*
- Developed a Mainframe application that maintains customer information of Westpac bank's 9 million customers. The application includes an interactive UI (built using Mainframe CICS) for the bank admins to access & modify the customer data (stored in IBM Db2).
 - Identified expensive Mainframe batch jobs and improved their run-time (by 25%) and CPU% (by 10%) by SQL performance tuning. *Technologies used: Mainframe CICS, JCL, COBOL, SQL(IBM Db2).*