

DIVYA BHUPINDER SURI

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Education

Master of Science in Information Systems

Expected May 2024

Northeastern University, Boston, MA

Relevant Coursework: *Data Management and Database Design, Network Structure and Cloud Computing, Web Design and User Experience Engineering*

Bachelor of Engineering in Electronics

May 2020

University of Mumbai, Mumbai, India

Relevant Coursework: *Neural Network and Fuzzy Logic, Management Information Systems, Internet of things*

Technical Skills

Programming Languages: C/C++, Java, Go (Golang), Python, HTML, CSS, JavaScript, Typescript

Frontend: React.js, Vue, Redux, Angular, jQuery, Styled Components, Less/Sass, Webpack, GraphQL

Backend: Node.js, Oracle, Mongo DB, SQL (Relational Database), MySQL, NoSQL, Postgres, Django, Flask

Cloud: AWS, Azure, GCP (Google Cloud Platform)

Operating Systems: Unix/Linux, Microsoft Windows

Tools: Terraform, Docker, Kubernetes, Jira, Gitlab, Git, GitHub, Sketch, Principle, Framer, Studio, Axure

Work Experience

Software Engineer | Rockmetric Innovations, Mumbai, India

Dec 2020 - Jul 2022

- Developed front-end features using HTML, CSS, and React.js framework, providing a valuable user experience to customers
- Improved the performance of application from **7% to 80%** on Lighthouse by applying lazy loading and fixed scalability problems by using analytical tools and practiced agile methodologies such as Scrum and kanban
- Optimized app performance by **20%** and increased user engagement by **30%** through implementation of the admin monitoring page
- Conducted in-depth analysis and testing of existing software systems to identify and address performance bottlenecks, leading to a **15%** improvement in overall system efficiency
- Led the improvement of React's progressive web app (PWA) performance by adding offline capability and implementing caching techniques for service workers

Frontend Developer Intern | Sonje Media, Mumbai, India

Sept 2020 - Dec 2020

- Collaborated with cross-functional teams to integrate front-end and back-end systems, reducing customer bug reports by **20%**
- Conducted performance analysis and optimization of frontend applications, utilizing tools such as Chrome DevTools, Lighthouse, and Webpage test
- Worked closely with DevOps engineers to ensure high availability, scalability, and reliability of software systems

Academic Projects

Healthcare Application System | MongoDB, Express, React, Node (MERN)

Nov 2022 - Dec 2022

- Designed and implemented a full stack mental health platform for couples, teens, and individuals where they can receive online counseling and therapy through web-based interaction as well as phone and text communication
- Incorporated payment system to make payments for appointments and medications directly through the platform
- Following a successful therapy session, the patient would receive feedback and prescribed medications through email and in their profile

SecurePix | Node, Terraform, Packer, AWS (Amazon Web Services), Namecheap

Jan 2023 - May 2023

- Developed a web application using Node.js by integrating user authentication with bcrypt and enabling image uploads to Amazon S3 using the Multer package
- Implemented Infrastructure as Code using Terraform and AWS CLI for setting up and tearing down networking resources, VPC, subnets, and Internet Gateway resources.
- Implemented CI/CD workflow for web application development and auto-scaling group of EC2 instances.
- Configured CloudWatch to collect all application log data and API usage metrics. Secured web application endpoints with valid SSL certificates and launched EC2 and RDS instances with encrypted EBS volumes using customer-managed keys.

License and Certification

AWS Certified Cloud Practitioner | Amazon Web Services (AWS)

March 2023 - March 2026

Microsoft Certified: Azure Fundamentals | Microsoft

May 2023