

SHUBHAM SABLE

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EDUCATION

Northeastern University | Boston, MA Expected December 2024
Master of Science in Information Systems
Related Courses: User Experience Design & Testing, Network Structures & Cloud Computing, Advanced Cloud Computing

Pune University | Pune, India August 2018 – September 2022
Bachelor of Engineering in Computer Engineering
Related Courses: Object-Oriented Programming, Data Structures, Analysis of Algorithms, Machine Learning, Cloud Computing

TECHNICAL SKILLS

Programming Languages : Java, Python, JavaScript, TypeScript, HTML5, CSS3, SQL, C++
Web Technologies : ES6, React, Redux, Node.js, Tailwind CSS, AngularJS, GraphQL, Express, React Native, XML
Tools & IDE : Git, Adobe InDesign, Jest, IntelliJ, Eclipse, Figma, Bash, Postman, JMeter
Cloud & DevOps : Terraform, Ansible, GCP, Azure, AWS (VPC, EC2, RDS, S3, GitHub Actions, CI/CD(Jenkins))
Databases & OS : Oracle, MySQL, MongoDB, Amazon DynamoDB, PostgreSQL, Windows, Linux, macOS

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Mueshi Incorporated | Boston, USA January 2024 - September 2024

- Designed Admin dashboards and features using **React**, TypeScript, and Next.js, leading to a 25% increase in user engagement
- Improved data accessibility by 40% by integrating Supabase, **MySQL**, and optimizing **GraphQL** APIs.
- Integrated Stripe API for subscription and payment processing, automating billing and reducing payment errors by 20%
- Led 5-person team building and implementing Shopify app using Polaris, **TypeScript**, React and GraphQL for 35+ stores

Software Engineer Intern | Vertscend Automation | Pune, India October 2021 - June 2022

- Built scalable backend systems with **Node.js** and TypeScript, integrating data sources and serverless functions
- Streamlined infrastructure costs by 40% by leveraging Terraform, Docker, and Kubernetes to automate and optimize AWS compute scaling, containerized microservices, and resource utilization
- Reduced deployment time by 20% by implementing a **CI/CD** pipeline using Jenkins and enhanced reliability by implementing effective monitoring and alert mechanisms using **AWS CloudWatch**
- Implemented authentication and authorization using JWT and OAuth, enhancing application security and user access control

Full Stack Engineer Intern | Skketchboard Insol LLP | Pune, India. February 2021 - September 2021

- Created websites using React and Angular, boosting user retention by 15% through improved user experience and functionality
- Engineered mobile applications with **React Native** (Android) and **Swift** (iOS), enhancing performance through async data fetching and **Redux** for state management
- Optimized MySQL and SQLite databases, reducing server response times by 40% through debugging and performance tuning
- Collaborated with cross-functional teams to implement **REST APIs** and streamline front-end and back-end integration, improving overall application efficiency

Founder, Full Stack Developer | Marketing Benz | Pune, India April 2018 - August 2020

- Founded a media company, growing revenue from zero to **\$10,000** by securing clients in healthcare, finance, and retail
- Led a team of 7 developers, overseeing the design, development, and deployment of custom websites and web applications
- Negotiated and secured deals with 3 enterprise-level clients, increasing the company's average contract value by 75%
- Reduced project delivery time 30% by adopting agile methodologies and automating workflows

ACADEMIC PROJECTS

Pluck: Review and analytics platform for small businesses (*TypeScript, Next.js, Python, NLTK*). May 2024 - July 2024

- Created a reward-based platform connecting influencers with local restaurants for short-form video reviews
- Implemented business dashboards using **Next.js**, React, and TypeScript, enabling restaurant owners to manage inventory, monitor sales, and track engagement metrics effectively
- Devised a scoring algorithm using **Python**, Scikit-learn, and NLTK to evaluate influencers' social media metrics (follower count, post frequency, engagement rate, sentiment analysis), enhancing the platform's value for businesses

Ecommerce Website | (*Node.js, Express, PostgreSQL, AWS, Terraform, Jest*) September 2023 - November 2023

- Created E-Commerce application with Base64 authentication for security, handling thousands of concurrent requests effortlessly
- Deployed RESTful API on AWS with Terraform involving **S3, RDS & EC2** instances with encryption by KMS, using a custom AMI built with Packer to optimize server setup time, resulting in 50% reduction in deployment time
- Modeled custom GitHub Actions to setup CI/CD pipelines for streamlining API delivery & used Jest for **Unit Testing**