

Soham Balkothe

Arlington TX 76013 | [+16823748952](tel:+16823748952) | sohambus01@gmail.com | [linkedin.com/in/sohambalkothe01/](https://www.linkedin.com/in/sohambalkothe01/)

EDUCATION

The University of Texas at Arlington

Master of Science (M.S.) Computer Science

Coursework: Design and Analysis and Algorithm, Distributed Systems, Neural Networks

May 2024(Pursuing)

Yeshwantrao Chavan College of Engineering, Nagpur

Bachelor of Engineering (B.E.) Information Technology

Coursework: Object-Oriented Programming, Operating Systems, Database Management Systems, Data Structures and Algorithms, Software Engineering & Project Management, Data Mining, Computer Networks, Digital Image Processing

August 2017-May 2021

GPA 7.44/10

TECHNICAL SKILLS

- **Programming Skills:** Python, Java, C++, C, SQL, HTML5/CSS3, JavaScript, Hibernate JPA, Spring Boot, JAX-RS, JUnit
 - **Database:** PostgreSQL, MySQL, MongoDB
 - **Web/Cloud:** XML, React JS, Django, JSON
 - **Other Skills:** REST, SOAP, Microservices, Git, Linux, Agile, Elasticsearch, Kubernetes, Docker, Selenium
 - **ML:** Pandas, NumPy, TensorFlow, Keras, Scikit-learn, Matplotlib, Seaborn
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EXPERIENCE

Software Development Engineer at *Seamless Distributions System, Pune*

July 2021-August 2022

- Contributed to a product named Voucher Management System as a backend developer performing the development, planning, documentation, testing, debugging, bug fixing and code reviewing tasks following established coding standards and agile flow and increased the team velocity by 33%.
- Made progress on other technologies and solved many technical problems. Guided 2 interns to fulfill their duties.
- Participated in all the agile activities such as planning meetings with team and product owners and made some useful suggestions which were implemented in the product.

Software Development Engineer Intern at *Seamless Distribution Systems, Pune*

August 2020-February 2021

- Assisted the development team in development and testing and volunteered in release processes and preparation of agile related documents.
 - Created various RESTful APIs in Java and Spring Boot for the product Voucher Management System and also wrote automation code for back-end as well as front-end.
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PROJECTS

IPL-Pdict

- Collaborated with a team of 3 to build a score prediction game website for IPL Cricket tournament using React JS and managed the website throughout the season for more than 40 players.
- Developed database repository classes and microservices like user authentication, leaderboard, match score prediction form page, tournament prediction page, and deployment with CI/CD through Gitlab on the server.

Face Recognition Based Attendance Marking System

- Deployed a project which detects and recognizes the faces of the students who were present during a class when given the pictures of the live classroom and updates the attendance records.
 - The project showed accuracy of 73.33% when tested on a group photo of 15 people and the face recognition model displayed accuracy of 83%.
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ACHIEVEMENTS

- Received "Best Paper Award" in "SPANDAN2020" National conferences on advances in Engineering, Technology and Applied Sciences.
- Collaborated with 4 team members to present a conference paper titled "Face Recognition Based Attendance Marking System" at the International Conference on ICT for Sustainable Development which got published in Springer.
- Qualified "HackwithInfy" round 1 to compete with top 6% of the participants all over the world.