Shrutik Kupekar

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Professional Summary

Software Developer with nearly 2 years of experience in full-stack development, mobile optimization, and AI integration. Skilled in building scalable solutions with React, Node.js, and MongoDB. Strong background in Agile, DevOps, and team leadership. Currently pursuing an MS in Computer Science at CSU Fullerton, with focus areas in distributed systems, ML, and cloud computing. Seeking to contribute to impactful, innovative tech projects.

Education

California State University, Fullerton, Master of Science in Computer Science **GPA:** 3.67 — Expected May 2026

University of Mumbai- St. Francis Institute of Technology, — Aug 2018 – May 2022
B.E. in Computer Engineering

Employment History

Software Developer, SAAA Consultants – Mumbai, India — Jun 2023 – Jul 2024

- Built scalable web applications using JavaScript, React, Node.js, and MySQL, achieving high performance improvement.
- Participated in Agile sprints, collaborating with cross-functional teams to deliver firmware updates on schedule.
- Designed and integrated secure RESTful APIs for real-time communication to optimize data transmission.
- Built and maintained multiple websites using WordPress and Shopify, improving UI/UX design and enhancing business presence.
- Increased team efficiency by 2x by introducing Slack for seamless communication and GitHub for streamlined version control and code collaboration.

Software Developer, Fineappl – Mumbai, India — Jun 2022 – Dec 2022

- Led the development of a cross-platform mental health app using Flutter, increasing user engagement by 70%.
- Orchestrated Agile sprint planning and code reviews, improving team productivity.
- Designed UI/UX and optimized app traffic using Google Analytics, improving user experience and retention.
- Managed hiring and onboarding, helping expand the team and streamline workflows.
- Designed company merchandise to strengthen brand identity and market presence.

Python Developer Intern, Cyberrace Infovision – Mumbai, India — Mar 2020 – Jun 2020

- Developed a Python-based data analytics application with a Tkinter GUI and MySQL backend.
- Designed a robust MySQL backend to support efficient data storage and retrieval.
- Automated data cleaning processes, reducing manual effort by 30%.

Experience

Internship Program, — Jun 2019 - Jul 2019
Harrisburg University of Science and Technology, Pennsylvania.

- Built a strong foundation in Artificial Intelligence and related algorithms, exploring their everyday applications through hands-on projects.
- Implemented various data structures and algorithms in Python as part of my coursework and projects during my internship program at Harrisburg

Volunteer Instructor, — Mar 2021 - May 2021
Learning by Locals NGO – Delhi, India

- Designed and taught a 3-month front-end development course for teenagers, covering HTML, CSS, and JavaScript fundamentals.
- Empowered students to build their own web projects, fostering creativity and technical skills.
- Fostered creativity and collaboration through hands-on coding challenges and group activities.

Skills

- **Programming Languages:** Java, Python, C++, JavaScript, SQL.
- **Tools and Frameworks:** React.js, Next.js, Node.js, Express.js, Django, Spring Boot, Wordpress, Shopify.
- **Databases and Cloud:** MySQL, PostgreSQL, MongoDB, Firebase, AWS.
- **DevOps and Version Control:** Docker, Git, CI/CD.
- **Networking and System Design:** TCP/IP, HTTP, DNS, Socket Programming.
- **Development Focus:** Full Stack, Distributed Systems, Machine Learning, Cloud Computing.