

RITIK P. VARANKAR

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)



Professional Summary:

Experienced and detail-oriented **Frontend Developer with 4.8 years of total experience**, including **4+ years in web development** and **2+ years in React Native mobile development**. Adept at debugging, performance optimization, and building **high-quality production code**. Experienced in creating UI architecture, data-driven dashboards, and visualizations from large datasets. Collaborates effectively with cross-functional teams to enhance system stability, coding hygiene, and application performance.

Technical Skills:

Languages:	HTML5, CSS3, JavaScript (ES6+), Python, C#
Frontend:	React (TypeScript), React Native, Angular, Next.js
State Management:	Redux, Zustand, Context API, NgRx
Dev Tools:	React Query, Axios, RxJS, AG Grid, Recharts
UI Frameworks:	Bootstrap 5, Material UI, Tailwind CSS
API & Backend:	RESTful APIs, Hasura GraphQL, AWS Lambda, Node.js, Express.js, ASP.NET Web API
Version Control:	GitHub, Bitbucket, SVN
DBMS:	SQL, MongoDB
Cloud & Servers:	AWS EC2, IIS Server
Testing Tools:	Jest, Manual Testing
Other Tools:	ChatGPT, Roboflow

Professional Experience

Adept Information Services Pvt. Ltd.

Aug 2022 – Present

Software Developer

- Developed responsive and interactive web and mobile UIs using React, React Native, and Angular.
- Built features and worked with teams to ensure accurate UI/UX implementation.
- Improved performance by debugging and profiling critical components.
- Utilized Zustand and Redux for efficient application-wide state management.
- Integrated RESTful APIs built with ASP.NET; tested flows manually during development.
- Developed a Python API (with ChatGPT assistance) for the E-Surveillance application to process RTSP URLs and stream real-time CCTV feeds.
- Built and integrated Roboflow datasets for PPE detection, fire, smoke, and crowd monitoring, enabling real-time alerts.

Lotus Intelligent Systems

Jun 2022 – Jul 2022

React Developer

- Translated Figma designs into high-quality, responsive React-Typescript components.
- Used Tailwind CSS and Next.js to build clean, accessible user interfaces.
- Contributed to release cycles using Bitbucket pipelines and CI/CD-aligned workflows.

Udgama Software Pvt. Ltd.

Jun 2021 – May 2022

Associate Member of Technical Staff

- Built and optimized reusable UI components in React Native and React for internal products.
 - Maintained Hasura GraphQL APIs with Amazon Lambda and PostgreSQL backends.
 - Applied Redux for scalable state logic and conducted unit testing using Jest.
 - Supported deployment workflows and monitoring on **AWS EC2** with senior engineers.
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Key Projects:

1. **QRT, E-Surveillance, Aakash-Ayur** – React Native, React, Angular, Bootstrap5, ASP.NET Web API, SQL

- Developed dashboards and modules for security and healthcare sectors.
 - Managed real-time data rendering and optimized performance using AG Grid and Recharts.
 - Improved stability and responsiveness for field operations and monitoring applications.
2. **Lotusis App** – Next.js, React, Tailwind CSS
 - Delivered responsive UI using Figma designs and managed deployments via Bitbucket.
 3. **Udyamo Teampus** – React Native, React, Redux, Material UI, Hasura GraphQL, AWS Lambda
 - Developed both mobile and web modules with reusable UI components.
 - Enabled seamless integration via GraphQL APIs and collaborated on deployment of applications using Amazon EC2 with senior team members.

Educational Qualifications:

Institute	Course	Type	Year	Percentage
Institute of Distance and Open Learning, Mumbai (Maharashtra) – University of Mumbai	Master of Computer Applications (M.C.A.)	Correspondence	2024	78.56%
V. G. Vaze College of Arts, Science and Commerce (Autonomous)	Bachelor of Science in Information Technology (B.SC.IT)	Full-time	2021	75.24%
V. G. Vaze College of Arts, Science and Commerce (Autonomous)	Higher Secondary Certificate (H.S.C)	Full-time	2018	76.46%
Gayatri Vidya Mandir	Secondary School Certificate (S.S.C)	Full-time	2016	85.80%

Certificates:

Certified	Courses
NPTEL	<ul style="list-style-type: none"> • Problem Solving Through Programming in C (Oct 2023) • Programming In Modern C++ (Oct 2023) • Programming, Data Structures And Algorithms Using Python (Sept 2023)
Coursera	<ul style="list-style-type: none"> • Front-End Web UI Frameworks and Tools: Bootstrap 4(Jun 2021) • Front-End Web Development with React(Aug 2021) • Server-side Development with NodeJS, Express and MongoDB(Oct 2021)
Udemy	<ul style="list-style-type: none"> • Step by Step Guide For Javascript - Basics to Advanced(Jul 2020) • Learn MySQL - For Beginners(Jul 2020) • HTML & CSS - Certification Course For Beginners(Jul 2020)
Cognitive Class	<ul style="list-style-type: none"> • Python 101 for Data Science (Jun 2020)

Achievements:

- Won 1st prize at Technova Event-2019 by "V.G. VAZE COLLEGE"

Personal Profile:

Date of Birth: 10 September 2000
Address: 02, 205, Sector 21, Hari Darshan CHS, Plot No. 90, Kamothe, Navi Mumbai - 410209
Languages known: English, Marathi and Hindi

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge. I would be pleased to provide any additional information if needed by you.

Date: \ \

Place: Navi Mumbai

(Ritik P. Varankar)