# **Gautham Prakash**

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#### **SUMMARY**

Passionate Frontend Developer and Software Engineer with over 2 years of experience in developing and maintaining scalable full stack solutions. Proficient in JavaScript/TypeScript, React, and modern build tools. Adept at improving developer productivity and efficiency, driving continuous improvement, and optimizing performance in fast-paced environments. Proven ability to collaborate with cross-functional teams and a strong advocate for engineering quality and innovation.

#### **WORK EXPERIENCE**

**INRIX Pvt Ltd** 

Oct 2023 - Present

Frontend Engineer

Birmingham, UK

- Developed and maintained web applications using Next.js, React.js, TypeScript, for front-end and Node.js for back-end application development.
- Participated in Agile processes, including sprint planning, daily stand-ups, and code reviews.
- Collaborated with cross-functional teams to deliver high-quality software products ensuring performance increment by 20% of the product.
- Utilized strong debugging skills to troubleshoot and resolve issues in both front-end and back-end systems.
- Engaged in continuous learning to stay updated with emerging technologies and industry trends.
- Keywords: solutions, security, roadmap, performance, market, interpersonal skills, implement, front end, fast-paced, extreme programming, e-commerce, decision making, continuous improvement, complex issues, communication skills, collaboration.

## **KeyValue Software Systems**

Feb 2021-Aug 2022

Full Stack Developer

Ernakulam, India

- Assisted in the development of customer-facing web applications using JavaScript, Reactjs, and Node.js.
- Contributed to the design and implementation of new features and functionalities ensuring great user experience improvement by 30%.
- Participated in code reviews and collaborated with senior developers to improve code quality by 40%.
- Worked with cloud platforms, focusing on Google Cloud Platform (GCP).
- Gained experience in best practices, design patterns, and coding standards.
- Mentored new team members and led a micro team, demonstrating strong leadership and interpersonal skills.

# **EDUCATION**

## **University of Leicester**

**Sept 2022 – Nov 2023** 

MSc Advanced Computer Science

Leicester, United Kingdom

• **Modules:** Analysis and design of algorithms, Advanced C++, Big data and predictive analysis, Computational intelligence and software engineering, Mobile and web applications, Internet and cloud computing, Generative Development.

• MSc Project: Developed a software bug tracking and reporting tool using Python Flask, Google BigQuery, and React.js. Created REST APIs and a user-friendly interface

# **Kerala Technological University**

Aug 2016 - Jun 2020

B Tech, Computer Science

Ernakulam. India

- **Modules**: DBMS, Python Programming, Object oriented programming concepts, Data Structures, Advanced Java. Mathematics, Graph Theory, Design and analysis of algorithms, Computer organization and architecture, Compiler design, Operating system design.
- **BTech Project:** BTech Project: E-MOBILITY INFRA LOAD ASSIST Developed an algorithm predicting power demand for EV charging stations using Python and Time Series Analysis. Awarded best project of the batch.

## TECHNICAL SKILLS

- Programming Languages: JavaScript, TypeScript, Python, Java, C++, C#, SQL.
- Frontend technologies: React.js, Next.js, Angular, HTML, CSS, Tailwind CSS, Redux Toolkit, Python Django.
- Databases: MongoDB, PostgreSQL, SQLite.
- Testing frameworks: Jest, Mocha, Jasmine, Cypress.
- Cloud platforms: AWS, GCP.
- IDEs and Tools: Docker, Postman, VS Code, IntelliJ, GitHub, Jira, Slack.
- In depth knowledge of web technologies and eagerness to deliver into source code of open-source libraries.

## **SOFT SKILLS**

- Problem-solving skills, time management, adaptability, critical thinking.
- Excellent written and verbal communication skills and excellent interpersonal skills with a growth mindset.
- Leadership experience with a track record of mentoring and team collaboration.

# **PROJECTS**

- Generative AI Job Search Assistant Developed a personal assistant using generative AI for job search, email reading, and reply using Python and OpenAI GPT-4.
- Contacts Backend Application Developed a backend application to handle contact information of users using Node.js, Express.js, and MongoDB.
- Weather App Developed a responsive weather app that displays weather information from OpenWeatherMap API using React.js, HTML, and CSS.

# **INTERESTS**

Driving, Travelling, Football, Formula 1.

## **Additional Information**

Check out my portfolio build completely using Next.js -> Portfolio.