

Sudarshan Suryaprakash

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Professional Profile

Experienced Software Engineer with a robust foundation in Computer Science, Engineering, and Business, complemented by a keen interest in finance, economics, and emerging technologies. Passionate about self-development, I stay ahead of industry trends through professional courses and hands-on personal projects. A proactive advocate for modern tools and methodologies, I ensure proficiency through practical application. I possess a comprehensive mastery of the web development stack—front-end, back-end, cloud, and DevOps—honed through diverse, high-impact projects. My leadership and teamwork abilities, cultivated in agile environments and as captain of an Ultimate Frisbee team, are matched by a commitment to enhancing interpersonal skills and driving workplace excellence.

Skills

- **Languages:** TypeScript, JavaScript, Solidity, Python, Go, Shell, Semantic HTML
 - **Front End:** React (Next.js, Gatsby), Redux, TailwindCSS, Sass, React Native, Styled Components, CSS
 - **Back End:** Node.js, Express, GraphQL, RESTful APIs
 - **Testing:** Jest, RTL, Playwright, Selenium
 - **DevOps:** Docker, Terraform, GitHub Actions
 - **Version Control:** Git, GitHub
 - **Concepts:** Data Structures & Algorithms, Service-Oriented Architecture, Object-Oriented Programming
 - **Databases:** SQL (MySQL), NoSQL (MongoDB)
 - **AI & Machine Learning:** Leveraging AI tools for code generation, debugging, and problem-solving
 - **Blockchain & DeFi:** Practical experience with decentralized finance platforms and blockchain technologies
 - **Product Development:** Strategic thinking, market research, and cross-functional collaboration
 - **Additional Skills:** Smart contract Development, Cyber Security, Business Management
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Experience

Tesco

Software Engineer

July 2022 - Present

- Engineered critical features for Fulfilment, Orders, and Checkout systems using Next.js and TypeScript, significantly enhancing user experience and system reliability.
- Boosted application performance by 20% through targeted optimizations.
- Partnered with cross-functional teams to deliver high-quality, integrated solutions, ensuring seamless front-end and back-end functionality.

Elanco

Software Engineer (Placement)

July 2021 - July 2022

- Designed and launched a developer portal with Next.js and MDX, streamlining documentation and collaborating with Lead Architects and C-Level executives on requirements.
- Built and enhanced an internal TypeScript-based React component library, supporting over 100 websites, with rigorous testing (Jest, Enzyme) and documentation (Storybook).
- Created and deployed a Gatsby-powered website for the Elanco student program, driving visibility for the 2021-2022 initiative.
- Developed a GitHub scraper under Senior Director sponsorship to detect internal security risks, identifying admin-level threats across repositories.
- Prototyped innovative proof-of-concepts, including an Azure Function for pet name generation from CMS data, demonstrating rapid iteration and value delivery.
- Engineered stateful and serverless applications on Azure using Next.js, Gatsby, Azure Functions, and TypeScript, optimizing performance and scalability.
- Maintained and upgraded an internal "Web Toolkit" package, transitioning to a monorepo architecture and enforcing development best practices.

Sysnet Associates India Private Limited, Bangalore, India

Marketing Executive

Jan 2019 - Dec 2019

- Led digital marketing campaigns, growing daily sales from 1-2 to 20 within one year through strategic SEO and engaging web design.
- Directed content creation for blogs and social media, overseeing 15 product and content launches across multiple platforms.
- Mentored a team of 3 interns, fostering collaboration and delivering measurable results in a fast-paced environment.
- Analyzed campaign performance metrics to pinpoint optimization opportunities, enhancing overall marketing efficacy.

Sysnet Associates India Private Limited, Bangalore, India
Software Development Intern
Jun 2018 - Aug 2018

- Conducted requirements engineering, bridging communication between clients and developers to ensure alignment on project goals.
 - Authored detailed documentation and led training sessions for new feature rollouts, improving team onboarding.
 - Earned a permanent position offer due to exceptional performance and strong stakeholder relationships.
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Education

Brunel University London
MSc Management with 1 Year Placement (First Class)
Jan 2020 - March 2022

- **Relevant Modules:** Strategic Management, Understanding Business Management Research, Knowledge Management
- **Dissertation:** "The Role of Influence and Persuasion in the Field of Management" (First Class)

M.S. Ramaiah University of Applied Sciences
B.Tech, Computer Science and Engineering (First Class)
Jun 2015 - Jun 2019

- Developed a Data Analytics System for National Key Health Indicator Data as part of a collaborative team project.
 - Established a strong foundation in computer science, enabling independent research and practical applications in business contexts.
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Certifications

- [JavaScript Algorithms and Data Structures Masterclass](#)
- [Modern React with Redux \[2020 Update\]](#)
- [The Complete 2020 Web Developer Bootcamp](#)
- [Automate the Boring Stuff with Python Programming](#)
- [Advanced CSS and Sass: Flexbox, Grid, Animations and More!](#)
- [Node.js, Express, MongoDB & More: The Complete Bootcamp 2020](#)
- [The Complete React Native + Hooks Course \[2020 Edition\]](#)
- [TypeScript: The Complete Developer's Guide](#)
- [The Complete Cyber Security Course: Hackers Exposed!](#)
- [Building Modern Web Applications with Go \(Golang\)](#) (Ongoing)
- [Learn DevOps: Docker, Kubernetes, Terraform and Azure DevOps](#) (Ongoing)
- [The Complete Digital Marketing Course - 12 Courses in 1](#)