Sudarshan Suryaprakash

Location: Uxbridge, UK
Contact: 07421054467
Email: sudarshansprakash@gmail.com

Professional Profile

- Strong background in **Computer Science, Engineering and Business**
- Avid interest for **r**esearch and non-fiction books in the field of **management, sales & marketing**.
- Build **web based applications** using the most recent technologies. Currently, using the **MERN stack**.
- Designed and developed **2 full stack web applications** – ProfConnector – A social media networking platform that connects professors; and an e-commerce web app with extra functionalities such as showing related products when a particular product is viewed.
- Developed several small-scale projects – imitating google keep, memory game, blog.
- Strong understanding of **HTML5, CSS3 and Javascript.**
- **Team player and leadership skills** developed through playing and captaining Ultimate Frisbee team

Skills and Certifications

Database Management	SQL (MySQL), NoSQL (MongoDB)
Front End Services	HTML, CSS, Javascript, Bootstrap, React, Redux
Back End Services	Node, Express, RESTful API
Version Control	Git, Github
Building Web Services	Using all of the above
Additional Skills	Python, Digital Marketing, Marketing, SEO

Certifications:

- Modern React with Redux 2020 update by Stephen Grider – 52 total hours
- The Complete 2020 Web Developer Bootcamp by Dr. Angela Yu – 54 total hours
- Automate the Boring Stuff with Python Programming by Al Sweigart – 9.5 total hours

Education

Brunel University London   Jan 2020 – March 2022
MSc Management with 1 Year Placement

- Relevant modules: Strategic Management, Understanding Business Management Research, Knowledge Management (including data analysis from Python libraries such as Numby, Pandas and Matplotlib.)
- Dissertation – The Effect of Influence and Persuasion in the Field of Management

Ramaiah University of Applied Sciences   Jun 2015 – Jun 2019
Computer Science and Engineering – Bachelor of Technology

- Designed and developed Data Analytics System for National Key Health Indicator Data as part of team.

Software Development Experience

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

- Obtained requirements from clients and delivered them to the senior developer.
- Communicated between customers and developers to ensure they understood requirements correctly.
- Used attention to detail to document requirements obtained from the customer
- Documented deliverables and delivered features obtained from the developer.

ProfConnector Project   2020

- Designed and developed a social media web app that connects professors together.
- The MERN stack model – MongoDB for the database, Express.js and Node.js to create Backend API routes.
- Async/Await rather than the (.then) chaining.
  - Chose this route as the code is more readable and succinct.
- Users were allowed access to protected routes using JWT as a middleware.

- - - Stored users' token in local storage rather than in cookies – Discovered that this may cause XSS vulnerabilities. Stored the token in cookies in the next project.
- Axios for http requests – Personal preference as results were sent using JSON format and axios automatically parses JSON data.
- CORS enabled the integration of the frontend and backend on the development side.
  - Although proxy had been provided to connect front and back-end ports on development side, the CORS error – and solving it - allowed for me to learn about this technology that needs to be used in order for the proxy to work as expected.
- Modelled and designed front-end using React.js – with functional components, hooks and redux for state management.
  - Complex nature of Redux allowed for many hours to be spent on the internet looking for the right answers. Especially with mapping state to props and mapping dispatch to props. Also had some difficulty with rendering using useEffect() – found the perfect solution on Stackoverflow.
- Command line Heroku was used to deploy the app.

Ecommerce Web App   2020
- Designed and developed Ecommerce Web app using MERN stack. Used the same technologies as above.
- Currently used as a book store. May be altered according to a customer's needs. Has not been deployed.

Marketing Experience

Sysnet Associates India Private Limited, Bangalore, India   Jan 2019 - Dec 2019
Marketing Executive
- Promoted brand awareness through SEO optimization and attractive web design.
- Produced engaging online marketing campaigns
- Spearhead creation of blogs and social media content
- Managed new product and content releases
- Worked effectively in heavily cross-functional, fast-paced environment.
- Managed, mentored and developed a team of 3 interns.
- Analysed the performance of all marketing programs to identify best opportunities for optimization.

Portfolio Website | LinkedIn