

# Preet K. Shah

Full-stack Developer | Bournemouth, UK

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## Summary

Experienced full-stack web developer with a passion for learning new technologies. Graduated with a Distinction in MSc. Computer Science from Newcastle University. Currently employed as a Software Development Engineer at J.P. Morgan Chase & Co., UK. Committed to staying updated with industry trends and best practices, actively seeking opportunities to expand knowledge and skill set.

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## Skills

### Technical Skills:

- Frontend Development: HTML & CSS, JavaScript, React, Next.js, Redux Toolkit
- CSS Frameworks: JPM UI Toolkit, Tailwind CSS, React-Bootstrap, DaisyUI
- Backend Development: Java - Object Oriented Programming, Java Spring Boot, Node.js, Express.js
- Databases: Gaia Oracle Services DB, MySQL, MongoDB, PostgreSQL
- Deployment: Netlify, Surge, Heroku, GitHub Pages, Linode
- Testing & Tools: JUnit5, Jest, Enzyme, React-Testing-Library, Postman
- CI/CD: Jules (Jenkins), GitHub Actions
- Analytics: Google Analytics, Cronitor

### Soft Skills:

- Public Speaking & Leadership
- Volunteering

### Design Skills:

- Figma & Adobe XD: Designing UI for websites
- Procreate & Canva: Digital Art and Design

### Miscellaneous:

- MS Office: Word, Excel, PowerPoint
  - Google Office Suite: Docs, Sheets, Slides, Forms
  - Git
  - Python (Learning)
  - Hackathon Enthusiast
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## Work Experience

### Software Development Engineer (Software Engineer I)

*JP Morgan Chase & Co., Bournemouth UK*

July 2022 – Present

- Full-stack developer with experience in React.js, Java Spring Boot, and GOS DB.
- Specialised in translating business requirements into efficient solutions with a focus on creating an intuitive user experience.
- Led the development of a CMS-based project for a "Tech for Good" social initiative, volunteering skills to enhance a non-profit organisation's website and provide technological support.
- Established a comprehensive documentation system to facilitate the onboarding process for new team members and enhance application navigation.

- Actively participated in Prod Support and Release Management rota, ensuring continuous application availability and contributing to overall system stability.
- Graduated from an intensive 6-week Tech Connect program, acquiring a strong foundation in various technologies.

### **Intern in MLH Fellowship**

*Major League Hacking, Remote USA*

September 2020 – December 2020

- Developed 6 projects on various themes, including education, productivity, social good, gaming, machine learning, and an open-ended theme.
- Achieved 3rd place for the Knight in the Night game built using the Godot engine.
- Designed the UI for Volunteery, a Tinder-like application for NGOs built using Flutter, which won 2nd place in the fellowship competition.

### **Intern for UI/UX Designing, Front-end Development**

*Hellbent Software & Educational Services LLP, Remote India*

November 2019 – April 2020

- Designed and developed the front-end of an Order Management System (with chat functionality) using HTML, CSS, and JavaScript.
- Freelanced as a front-end developer for Hellbent for 3 months.

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## **Education**

### **MSc in Computer Science**

*Newcastle University, UK*

September 2021 - September 2022

- PG Award Distinction - Scored 79.9%
- Thesis project: Social Spirit

### **Bachelor of Engineering in Electronics and Telecommunication**

*K. J. Somaiya Institute of Technology (University of Mumbai)*

July 2017 - June 2021

- Average GPA: 7.48/10 CGPA (68.46%)
- Chairperson of the KJSIT-IETE Committee in 2020-2021
- Assistant Leader of National Service Scheme, the University of Mumbai in 2019-2020

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## **Projects**

### **Money Mingle**

- Built a Personal Finance Dashboard using Capital One Finance API for *Tech Together* hackathon.
- Won the second place overall - <https://devpost.com/software/money-mingle>
- Frontend GitHub: <https://github.com/shahpreetk-NCL/tech-together-hackathon>

### **FuTourist**

- Created a Spaceship Booking Travel site for *Hack for the Future* hackathon, held by MLH.
- Won the third place overall - <https://devpost.com/software/futourist>
- Frontend GitHub: <https://github.com/shahpreetk-NCL/futourist>

### **Social Spirit**

- Developed a platform to connect potential volunteers with organisations undertaking service activities.
- Built for the dissertation project for MSc. Computer Science.

- Scored 70% on the thesis and the project.
- Frontend GitHub: <https://github.com/shahpreetk/socialspirit-frontend>

### **Trippy Castle**

- Collaborated on an inventory creating team project for short trips to nearby castles, as part of my Masters degree course.
- Successfully completed 6/6 basic requirements and 2/5 advanced requirements.
- Frontend GitHub: <https://github.com/shahpreetk/trippycastle>

### **BookIt**

- Designed and developed an Online Auditorium and Turf booking system for my B.E. degree college.
- Tech stack: React.js (front-end), Node.js (server), MongoDB (database), hosted on Netlify, integrated Stripe as a payment gateway.
- Published a paper in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue IV Apr 2021.
- Project URL: <https://kjsieit-onlinebooking.netlify.app/>

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### **Volunteer Work**

- **PowerUp**: Volunteered as the Logistics Lead for PowerUp by JP Morgan Chase, a week-long tech conference organised in Bournemouth, UK in November 2022.
- Elected as **Chief Website Officer** for **Leo Multiple 3231** (July 2020 - June 2024), **President** of **Leo District 3231 A1** (July 2020 - June 2021), **Vice-President** of **Leo District 3231 A1** (July 2019 - June 2020), **President** of **Leo Club of Walkeshwar** (July 2019 - June 2020).
- Oversaw the functioning of 9 clubs under the district & conducted Fellowship and Service events in my role as the District President.
- Received **International President's Certificate of Appreciation** from **Lions Clubs International**.

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### **Online Certifications**

- AWS Cloud Practitioner Certificate (June 2023)
- CS50 by Harvard University (June 2022)

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### **Languages**

- English: Scored 8.0/9.0 in IELTS (November 2020)
- Indian Hindi: Native
- Gujarati: Native

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### **Hobbies**

- Painting & Digital Art
- Reading crime fiction novels
- Started learning how to crochet