

Krishnapriya Radhakrishnan

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WORK EXPERIENCE

Blueshift Education

London

Part-time Coding tutor

September 2023 – present

- Educated and mentored students aged 5 to 16 in Central and South London, teaching coding and robotics through engaging face-to-face classes.
- Coordinated the instruction of 3 programming courses, including Python, Scratch, and JavaScript, while developing and delivering coding and app development lessons.

Oxford Summer Courses

London

Part-time Coding tutor

June 2023 – September 2023

- Instructed tech courses for diverse international students (ages 9-12), prioritising safety with a valid DBS certificate.
- Crafted personalised syllabus based on student profiles to enhance engagement and understanding, structured materials for effective learning, implemented collaborative activities, and assigned homework.

Tata Consultancy Services (TCS)

Kochi, India

Web Developer

August 2020 – September 2022

- Collaborated with a top UK pharmaceutical company during the pandemic, developing and maintaining COVID-19 websites, ensuring responsiveness on mobile and web.
- Revamped the development of redesign websites using HTML, CSS, JavaScript, React JS, Tailwind CSS, Bootstrap, REST API, and ES6; optimised website performance, resulting in a significant 30% reduction in bounce rate.
- Spearheaded the end-to-end development of AEM websites, leveraging advanced proficiency in AEM components, templates, DAM, workflows, content authoring, versioning, publishing pages and assets, tagging, and SEO optimisation; improved user engagement by 25% through enhanced UI/UX design.
- Deployed test-driven development methods using Jest and other testing libraries; reduced bugs by 40% and improved product quality.
- Implemented industry best practices in accessibility standards (WCAG) and SEO, leading to a 30% increase in website accessibility compliance and a 25% boost in search engine rankings.
- Boosted user experience with performance optimisation using tools like Lighthouse and GTmetrix, achieving a 30% faster website load time and 20% higher user engagement.
- Advocated industry-leading best practices, ensuring the maintenance of CI/CD pipelines. Resulted in a 15% increase in development efficiency.
- Led cross-functional collaboration, aligning project requirements with UX/UI designers to implement responsive interfaces that augmented user experience and resulted in a 30% increase in customer satisfaction.
- Guided active collaboration with clients during the pandemic by handling time-sensitive projects with 98% precision and accuracy. Received praise and recognition from clients and team members for effective work.
- Led as Tech Lead, creating a training program for new team members. Shortened onboarding time by 30%, enhancing team efficiency for timely delivery and earning customer appreciation.
- Tracked project progress with JIRA, maintaining accurate sprint documentation. Communicated status through burn-down charts, velocity reports, and summaries, facilitating informed decision-making and stakeholder alignment.

St. Teresa's College (Autonomous), Ernakulam

Kochi, India

Web Developer

January 2019 – February 2020

- Designed and developed Teresa's Open Course Allocation Portal (TO-CAP), streamlining the allocation process for fifth-semester students across 21 departments. Engineered custom criteria and preference-based algorithms, resulting in optimal course allocation for 1500+ students annually.
- Developed a full-stack web application for students and admin using Core PHP, MySQL, JQuery, AJAX, and AdminLTE on the WAMP platform.
- Devised an optimum algorithm for allocating 1500 students based on the criteria for allocation to produce results without duplication.

EDUCATION

Middlesex University

Masters in Computer Science

London

October 2023

- British Council's Women in STEM 2022 Scholarship awardee.
- Distinction
- Relevant coursework – Blockchain EMR, ERC20 Game inventory, Agile artefacts, ReactJS, HLComposer, Node.js, Solidity, Web3, Bootstrap, and Python.
- Master's dissertation – **Performance evaluation** of Flutter and NextJS **Progressive Web Applications** (PWA) using prototypes

St. Teresa's College (Autonomous), Ernakulam

B.Voc Software Development

Ernakulam, India

March 2020

- Overall GPA of 9.79 with first rank.
- Student coordinator of the college's graphic designing wing. Held the graphic designer position for college events and created logos, designs, posters, and brochures using Adobe Creative Suite.
- Team leader for the "Age-Friendly College" initiative to create digital awareness among senior citizens.

SKILLS & INTERESTS

Language: C++ | Core Java | Python | Core PHP | JavaScript | HTML5 | CSS3 | SCSS | Kotlin

Database: DBMS | MySQL | MongoDB | Google Firebase

Frameworks: ReactJS | NextJS | Flutter | Bootstrap | Tailwind CSS | jQuery | Spring Boot | Django | NodeJS

Tools: Adobe Illustrator | Adobe Photoshop | JIRA | GitHub | GitLab | Google Lighthouse | Google Analytics | Chrome Dev tools | LAMP | WAMP | Apache

Design tools: Adobe XD | Figma

CMS: WordPress | AEM | Drupal

Interests: Graphic designing | Blockchain | Machine learning | Artificial Intelligence | Digital literacy | Mobile app development