


CEM RATIP

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Skills

Python | C++ | C# | Java | Kotlin | Scala | TypeScript | JavaScript | Node | React | Redux | Tailwind | Express | Nest | HTML | CSS | MongoDB | Firebase | MySQL | AWS EC2 | AWS Lambda | AWS S3 | AWS RDS | Android Studio | REST | GraphQL | Git | Heroku | Docker | Kafka | Jira

Education

MSci Computer Science	King's College London	<i>Strand, London</i>	09/2021 - Current
<ul style="list-style-type: none">Current grade: First Class Honours			
A Levels	Trinity School of John Whitgift	<i>Croydon, Surrey</i>	09/2019 - 07/2021
<ul style="list-style-type: none">4 A-Levels: Maths (A*), Further Maths (A*), Computer Science (A*), Economics (A)			
iGCSEs	Royal Russell School	<i>Croydon, Surrey</i>	09/2011 - 07/2019
<ul style="list-style-type: none">10 iGCSEs: 8x 9s, 2x 8s			

Experience

Backend Web Developer	Expedia Group - Internship	<i>Angel, London</i>	05/2023 - 09/2023
<ul style="list-style-type: none">Worked on bug fixes for the following Expedia Group brands: Vrbo, Expedia, Hotels.com, Bookabach and Stayz.Had my fixes released to production and demonstrated my work to the team during standups.Used Java, Kotlin, Node, GraphQL and Docker and wrote unit tests with JUnit, kotlin.test and Mockito.Communicated with other teams for approvals, requirement elicitation and information on other microservices.Worked in an existing team of 12 and used Jira for project management.			
Backend API Developer	Green Group Enterprise - Full Time	<i>Remote</i>	08/2022 - 08/2023
<ul style="list-style-type: none">Developed a scalable backend API for the company's platform using TypeScript, Nest, MongoDB, Heroku, AWS Lambda, and AWS S3.Wrote unit and e2e tests, created a database seeder and implemented authentication procedures using passportJS.Mentored newcomers, managed code reviews, and operated in a CI/CD environment.			
Event	JPMorgan 'Code for Good' Hackathon	<i>Bishopsgate, London</i>	10/2022
<ul style="list-style-type: none">Collaborated in a 5-person team to create a CRM system for a tuition business within a 24-hour timeframe.Discussed requirements with beneficiaries and developed using Flask, Bootstrap, and a MySQL database.Presented the final product for client feedback.			
Frontend Web Developer	Satalia - Internship	<i>Islington, London</i>	06/2019 - 07/2019
<ul style="list-style-type: none">Collaborated in a three-person team to develop an informational AI progression website using React and deployed with Netlify.Gained insight into how the company coordinated teams of developers, met client specifications and managed version control.			

Projects

Web Application (Frontend only)	Game Rental Marketplace	05/2023 - Current
<ul style="list-style-type: none">Developing a peer-to-peer video game rental website (https://game-rental-marketplace-website.vercel.app).Using React, Redux and Tailwind for frontend and Figma for design and prototyping, resulting in a clean and professional UI.		
Web Application	Data Bin	09/2022
<ul style="list-style-type: none">Created databin.co.uk - a service for transferring and temporarily storing text (code & file sharing coming soon).Tech stack includes a React and Tailwind frontend, and Nest, TypeScript and MongoDB backend.		
Google Chrome extension	Search Tenure for Rightmove	02/2022
<ul style="list-style-type: none">Published a Google Chrome extension that filters property results by tenure on the Rightmove website.Developed in vanilla Javascript, HTML and CSS.		
Python Script	Automated Cryptocurrency Trading Algorithm	10/2019
<ul style="list-style-type: none">Created an algorithm to trade user-specified cryptocurrency pairs using the RSI indicator on live market data fetched from an API.Ran the algorithm on an AWS EC2 instance for 14 days, yielding a 7% net profit.		

Check out my other projects at cemratip.com