

Crystal Parker

Full stack Developer skilled with Cloud, DevOps and IaC, member of Women in Cybersecurity (WiCyS) Global

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C#, HTML/CSS

Databases: MySQL, DynamoDB, MongoDB

Frameworks & Libraries: React, Node.js, Flask, Django, Phaser3, Tailwind CSS

DevOps & Cloud: AWS, Docker, Kubernetes, Terraform, Grafana, Cloudflare, Rancher, Devtron

Tools: Git, VS Code, IntelliJ, Unity, Figma, Vercel

Languages: English (Native), French (Intermediate)

Certificates: Microsoft AZ-900, SC-900 and AI-900, Terraform Associate (003)

EXPERIENCE

Koii Network Full Stack Developer and DevOps

Jan 2024 – Present

- Executed the migration of Kubernetes orchestration from Rancher to Devtron on AWS, utilizing Terraform to automate infrastructure deployment
- Researched, designed, and managed software programs, making significant improvements to many full stack websites including dashboard.koii.network a key platform for investor meetings
- Administered MongoDB roles, optimized bulk operations and triggers, and handled DevOps tasks including Grafana and Cloudflare.
- Assisted team members by reviewing merge requests, researching solutions, and creating internal documentation with Figma and Google Docs

Website Developer

Sep 2019 – Jan 2024

- Developed websites using Python frameworks Flask, Django, and CMS Mezzanine for 4 clients
- Provided technical support and tutoring to 2 senior clients

NearArcade Collaboration

Apr 2022 – Jan 2023

- Collaborated on HTML5 game with senior developer Curtis Robinson and artist LoMaking
- Contributed ~30% of JavaScript code and wrote the NEAR contract using Rust
- Achieved best week 3575 plays, top 20 players over 100 plays each and top player played 458 times

PROJECTS

Unity Game Dev | C#, Unity, Blender, Git

Sep 2023 – Jan 2024

- Collaboratively designed and developed two Unity games, showcased in portfolio

Full-Stack Development Projects | MERN stack, AWS, Docker, TypeScript, NextAuth, Vercel

Jan 2023 – Dec 2023

- **Junior Dev Forge:** Led a team to build an MVP using Next.js with NextAuth login, deployed on Vercel. Received multiple LinkedIn recommendations for team organization, code tutorials, and extensive code contributions.
- **Formula Factory:** Envisioned and developed app for editing math-based cheat sheets using docker and AWS.
- **StockVision:** Developed user authentication and facilitated conflict resolution to ensure on-time delivery.

HTML5 Game Development | JavaScript, Phaser3, HTML5, Git

2019 – Present

- Designed and developed 8 game jam games and 2 polished games using HTML5, showcased in portfolio
- Researched and incorporated decentralized technologies into 4 games

EDUCATION

Dalhousie University | GPA: 3.69

Halifax, NS

Bachelor of Computer Science, Biology Minor | Sexton Scholar, Dean's List

Jan 2021 – May 2024

Honours: Intersection of Mobile Gaming and Security, Skills: Research, Python and JavaScript scripting

Relevant Courses: Software Engineering, Cloud Computing, Advanced Web Services, Advanced Database Systems

ICTC Cybersecurity Training and Work Integrated Learning program

Oct 2023 – May 2024