

Daniel Cruz

Full Stack Developer

✉ danielcru0217@gmail.com ☎ +63-907-532-2419 📍 Makati City, Philippines

PROFILE

Experienced Full-Stack Engineer with a strong background in developing and managing sophisticated web applications.

Currently working at Forreels, where I contribute to a high-impact movie industry platform using Next.js for both frontend and backend development. Proficient in a broad range of technologies including React.js, TypeScript, Tailwind CSS, Node.js, Express.js, and Django. Adept at designing and implementing RESTful APIs, GraphQL, and microservices architecture.

Skilled in cloud and DevOps practices with hands-on experience in AWS, Azure, Docker, Kubernetes, and CI/CD pipelines.

Experienced with various databases such as PostgreSQL, MongoDB, MySQL, and Redis.

Committed to creating efficient, scalable solutions and continuously improving development processes.

Seeking to leverage my skills and experience in a dynamic environment to drive innovative projects and deliver high-quality results.

PROFESSIONAL EXPERIENCE

Forreels, Full Stack Developer

Feb 2023 – present | Remote, Japan

- Led the development of a sophisticated platform for the film industry, enabling seamless collaboration between clients, creators, actors, and production teams, optimizing project management and coordination.
- Architected and developed a full-stack application using Next.js for the frontend, utilizing server-side rendering (SSR), static site generation (SSG), dynamic routing, and API routes to build a fast, SEO optimized web application.
- Built and maintained secure and scalable backend services using Express.js and Node.js, with a focus on developing RESTful APIs and integrating third-party services.
- Implemented real-time communication capabilities with Socket.IO to enable live updates and collaboration features, enhancing user engagement and reducing operational delays.
- Leveraged Azure DevOps for continuous integration and continuous deployment (CI/CD), automating testing, deployment, and monitoring processes to improve development efficiency and reduce downtime.
- Deployed and managed infrastructure on AWS, utilizing services such as EC2 for compute, S3 for storage, RDS (PostgreSQL) for relational database management, Lambda for serverless functions, and CloudFront for content delivery, ensuring high availability and low latency.
- Integrated Google Maps API to provide location-based services, enhancing scheduling and coordination for filming and meetings.
- Implemented authentication and authorization mechanisms using Google Auth and OAuth 2.0, ensuring secure user access and identity management.

- Managed email services using Amazon SES and SendGrid for transactional emails, notifications, and real-time communication, improving user engagement and system reliability.

GamerHub, Full Stack Developer | Web3, AI Developer

Apr 2022 – Feb 2023 | Remote, Australia

- Led the development of a decentralized AI model training infrastructure designed to revolutionize the AI training landscape by making it faster, more cost-effective, and accessible to a wide range of users including data scientists, machine learning engineers, and researchers.
- Architected a scalable platform utilizing decentralized parallel training techniques to significantly reduce AI model training time from days to minutes, enhancing computational efficiency and optimizing resource usage.
- Developed and integrated backend services with Particle APIs to enable secure, decentralized data processing and distributed computing, ensuring scalability and fault tolerance across the training infrastructure.
- Implemented robust data privacy and security measures, incorporating encryption and secure data transfer protocols to safeguard sensitive information and prevent unauthorized access or data leaks during AI model training.
- Designed a user-friendly interface for model deployment, utilizing React.js and Next.js for the frontend to create an intuitive, accessible experience for users of varying technical expertise.
- Collaborated with cross-functional teams to customize AI model training pipelines, leveraging Python, TensorFlow, and PyTorch to support a wide range of machine learning frameworks and models.
- Optimized the platform's architecture and performance using Docker and Kubernetes for containerization and orchestration, facilitating seamless deployment and scalability across multiple environments.
- Implemented cost-efficiency strategies by optimizing resource allocation and usage, reducing overhead costs associated with traditional AI model training infrastructures.

TechWave Solutions Inc., Full Stack Developer

Jul 2020 – Feb 2022

Makati City, Metro Manila, Philippines

- Developed and maintained high-performance web applications using Python and Django, focusing on scalability, security, and robust backend functionality to support diverse client projects.
- Built and optimized RESTful APIs and GraphQL endpoints with Django REST Framework (DRF), enabling efficient data retrieval and integration with frontend applications.
- Led the frontend development efforts using React.js and Vue.js, integrated with Django's templating system to create dynamic, responsive user interfaces that enhance user experience.
- Managed cloud deployment and infrastructure using AWS and DigitalOcean, leveraging services like EC2, S3, and RDS to ensure high availability, security, and scalability of applications.
- Implemented secure user authentication systems using Django's built-in authentication framework and OAuth 2.0, ensuring secure access and protecting sensitive data.
- Utilized Docker for containerization of applications, streamlining development workflows and ensuring consistency across multiple environments from development to production.
- Optimized database performance using PostgreSQL, designing efficient schema, indexing strategies, and query optimization to handle large datasets and high-traffic loads.

- Collaborated closely with cross-functional teams, including designers, product managers, and data scientists, using Agile methodologies and tools like Jira and Trello to deliver projects on time and within budget.

PixelTech Solutions,

Nov 2018 – Jun 2020

Frontend Developer | Junior Backend Developer

Makati City, Metro Manila, Philippines

- Developed and maintained web applications using React.js and Vue.js, ensuring responsive and interactive user interfaces.
- Implemented high-quality code with HTML5, CSS3, and JavaScript (ES6+), adhering to best practices for cross-browser compatibility and performance.
- Utilized state management tools such as Redux and Vuex to manage complex application states and enhance user experience.
- Optimized frontend performance by applying techniques like code splitting, lazy loading, and asset management, resulting in faster load times and improved user satisfaction.
- Assisted in developing backend systems using Node.js and Express.js, PHP and Laravel focusing on scalable and efficient server-side applications.
- Designed and implemented RESTful APIs and GraphQL endpoints to support frontend functionalities and enable smooth data integration.
- Managed databases using MySQL and MongoDB, including schema design, query optimization, and data migration to handle large datasets efficiently.

SKILLS

Frontend Technologies — React.js | Next.js | Vue.js | Next.js | Angular.js | JavaScript (ES6+) | TypeScript | HTML5 | CSS3 | Sass | Bootstrap | Tailwind CSS | Redux | React Query | Material-UI | Vuex | Vuetify | Element UI | Styled Components

Backend Technologies — Node.js | Express.js | RESTful APIs | GraphQL | Microservices Architecture | JWT Authentication | WebSockets | Socket.IO | Django | Django REST Framework (DRF) | Python | Celery | PHP | Composer | Laravel | Eloquent ORM | Laravel Dusk

Cloud & DevOps Technologies — AWS (EC2, S3, Lambda, RDS) | Azure | Docker | Kubernetes | Terraform | Jenkins | Nginx | CI/CD Pipelines

Databases — PostgreSQL | MongoDB | MySQL | Oracle | Redis | MariaDB | SQLite

Tools & Libraries — Git | GitHub | GitLab | Jira | Webpack | Babel | ESLint | Prettier | Postman | Jest | Cypress

EDUCATION

University of Makati, *Bachelor's Degree in Computer Science*

Sep 2014 – Jul 2018

Makati City, Metro Manila, Philippines