



Project Catalog

A detail overview of recent work

By

CcheLogic

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Projects

CareerNetwork

Website: careernetwork.co

Technologies: Next.js@14, Node.js, Express, MongoDB, TypeScript, Firebase, NextAuth, MUI, Recharts, and more.

Description:

- Design, develop, and deploy a scalable job networking platform.
 - Architected the system on GCP, integrating MongoDB for data management and Firebase for authentication.
 - Built responsive, user-friendly interfaces with Next.js and MUI, visualizing data using Recharts.
 - Ensured secure authentication flows with NextAuth and TypeScript for robust, maintainable code.
 - Designed and optimized RESTful APIs using Node.js and Express to ensure high performance and scalability.
 - Monitored and maintained application health with robust logging and error tracking, ensuring minimal downtime and quick issue resolution.
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WaveHR

Website: wavehr.co

Technologies: Firebase (Cloud Functions, Storage, Realtime Database, Notifications), Resend API, AI Tools, Node.js, React, Tailwind, Framer Motion

Description:

- Built the platform from scratch with a focus on recruiter-first features.

- Implemented Firebase Cloud Functions for scalable backend operations and real-time updates via Realtime Database.
 - Enabled seamless job posting and sharing, allowing candidates to apply without creating accounts.
 - Integrated AI-powered features for generating job descriptions, educational requirements, and summarized resumes.
 - Developed note-taking functionality for recruiters to track and manage applicants efficiently.
 - Set up automated email notifications for recruiters and candidates using Resend API.
 - Secured data management with Firebase Storage for storing and accessing assets reliably.
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Emerchantpay

Website: emerchantpay.com

Technologies: Ruby on Rails (RoR), React, JavaScript, HTML, CSS, Webpack, Babel, Storybook, Slim Partial, Redux

Description:

- Migrated the legacy frontend from Ruby on Rails to React components for improved scalability and maintainability.
- Developed Web Payment Form V2, integrating multiple Alternative Payment Methods (APMs) such as WeChat Pay, OXXO, PayRetailers, Cash, Online Banking, and more.
- Optimized frontend performance to enhance user experience and reduce load times.
- Deployed robust CI/CD pipelines using GitLab CI/CD for automated testing and deployments.
- Leveraged AWS for scalable and secure deployment of frontend infrastructure.
- Collaborated with cross-functional teams to ensure seamless backend integration and consistent user experience.
- Provided mentorship to junior engineers on React development and best practices.

Nordic Information Control (NIC)

Website: nord-ic.com

Technologies: React, Material-UI (MUI), Redux Toolkit, Recharts, HTML5 Canvas, Drag and Drop APIs

Description:

- Led the development of a comprehensive compliance automation platform, enabling organizations to adhere to regulations such as NIS2, DORA, GDPR, and ISO27000.
 - Utilized React and MUI to create a responsive and intuitive user interface, enhancing user engagement and accessibility.
 - Implemented Redux Toolkit for efficient state management, ensuring a seamless user experience across the application.
 - Integrated Recharts to provide interactive and insightful data visualizations, aiding users in understanding compliance statuses and information classifications.
 - Developed drag-and-drop functionalities and custom canvas components to facilitate user interactions and streamline workflows.
 - Engineered features for automated policy creation and monitoring, enabling real-time identification and reporting of compliance violations.
 - Established CI/CD pipelines using GitHub Actions, automating testing and deployment processes to maintain high-quality code and expedite release cycles.
 - Deployed and managed the application on AWS, ensuring scalability, security, and high availability.
 - Worked closely with cross-functional teams to align development efforts with business objectives and provided ongoing support to clients for effective information security management.
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FOTANISTAN

Website: fotanistan.com

Technologies: React, MUI, SQL, Firebase Realtime Database, Redis, Styled Components, Drag &

Drop, Data Tables, Recharts

Description:

- Built the platform from scratch, developing an admin dashboard for Fotanistan, a comprehensive Learning Management System (LMS).
 - Implemented features for inventory management, attendance tracking, and task assignment to streamline operational workflows.
 - Built modules for real-time statistics and analytics to monitor system usage and performance effectively.
 - Enabled management of fees, accounts, teachers, and students with dedicated interfaces for streamlined operations.
 - Added functionality for managing multiple branches, ensuring scalability and adaptability for diverse educational institutions.
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Rishta Aunty

Website: rishtaauntie.app

Technologies: React, React Native, MUI, Chart.js, Python, Django, SQL, Postman

Description:

- Developed a cross-platform mobile app for Android and iOS using React Native, providing a seamless user experience for matchmaking and profile management.
- Designed and built the admin dashboard with React and MUI, enabling efficient management of user profiles, analytics, and platform configurations.
- Integrated AI-powered features for curated matchmaking suggestions based on personality quizzes and scientific evidence.
- Implemented secure backend systems with Node.js and Express.js, handling matchmaking algorithms, user data, and real-time interactions.
- Deployed and managed scalable infrastructure on AWS to ensure high performance and reliability for global users.
- Integrated engaging features such as organic conversation starters through photos and questions, enhancing user interaction.

- Established CI/CD pipelines using GitHub Actions and Expo Build for streamlined deployments and updates.
 - Enabled analytics and insights with Chart.js to help admins and users understand trends and make informed decisions.
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Fintech Mobile Application

Technologies: Flutter, Next.js, MUI, Chart.js, NestJS, MPay

Description:

- Developed a Flutter-based mobile application tailored for the education sector in Malaysia, enabling seamless and secure payment transactions for educational services and products.
- Designed and implemented an admin dashboard using Next.js and MUI, providing administrators with tools to manage users, monitor transactions, and analyze platform performance.
- Integrated MPay, a third-party payment gateway, to ensure efficient and secure payment processing.
- Built a scalable backend with NestJS and AWS to handle financial data, user authentication, and real-time updates securely.
- Added features for users to manage savings goals, track spending habits, and review detailed past transaction histories.
- Incorporated analytics and insights using Chart.js, enabling both users and admins to visualize spending patterns and platform metrics.
- Established CI/CD pipelines using GitHub Actions and AWS CodePipeline for automated testing and streamlined deployments.

Labaik App

Technologies: React Native, Expo, Node.js, Express.js (REST API)

Description:

- Built a user-friendly mobile application using React Native and Expo, specifically designed to facilitate the Hajj pilgrimage.
 - Designed and developed a scalable backend with Node.js and Express.js to handle user data, service scheduling, and real-time updates.
 - Enabled users to browse, offer, and book services across various categories free of charge, with seamless scheduling managed through a personalized calendar.
 - Integrated a real-time chat feature to facilitate communication between users and service providers.
 - Developed features for user profile management and efficient tracking of Hajj-related activities.
 - Utilized AWS for secure deployment, ensuring reliable and scalable service delivery.
 - Established automated CI/CD pipelines using Expo Build and GitHub Actions to streamline builds and deployments.
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EmiratesPost

Website: emiratespost.ae

Technologies: React, Electron, Node.js, Express.js, PDFKit

Description:

- Developed a hybrid application using React and Electron to support both offline and online functionalities for postal service management.
- Implemented robust data parsing mechanisms to handle large datasets efficiently for postal tracking and shipment records.

- Designed and integrated PDF generation features for creating shipping labels, invoices, and reports directly within the app.
 - Built a scalable backend using Node.js and Express.js, ensuring secure and seamless data handling across online and offline modes.
 - Optimized the application to synchronize offline data with the server once connectivity is restored, maintaining data integrity and user experience.
 - Leveraged AWS for hosting the backend and ensuring secure, scalable infrastructure for real-time and batch operations.
 - Established CI/CD pipelines with GitHub Actions to automate testing, build processes, and deployments.
 - Enhanced user experience with a responsive and intuitive UI, ensuring ease of use across diverse user demographics.
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FlopHero

Website: flophero.com

Technologies: NextJS, Chart.js, C, GoLang, AI, Tailwind, AntDesign, Formik, Yup

Description:

- Developed a poker training application with advanced GTO (Game Theory Optimal) solvers tailored for Pot Limit Omaha players.
- Engineered a frontend using React for a seamless, responsive user interface and interactive game simulations.
- Built backend APIs with Node.js and Express.js to process over 200 million pre-solved boards, ensuring near-instant solver results.
- Integrated real-time data analysis using AI, offering users personalized insights on poker strategies and decisions.
- Implemented statistical tracking and visualizations with Chart.js to display user performance and improvement.
- Utilized C and GoLang to optimize heavy backend computations for optimal performance and faster response times.

- Developed a robust authentication system with JWT and OAuth2 for secure user management.
 - Integrated Formik and Yup for efficient form validation and handling complex forms within the application.
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Nohesi

Website: nohesi.gg

Technologies: Azure, AWS, Docker, NGINX, Cloudflare, Trello, Discord, Grafana, Loki, Promtail, PostgreSQL

Description:

- Migrated the cloud infrastructure from Vercel to AWS, deploying staging and production environments on EC2 within a custom VPC.
 - Managed DNS through Cloudflare, ensuring fast and secure routing of requests to the appropriate services.
 - Used RDS for PostgreSQL to handle the database and deployed Grafana for logging, using Loki and Promtail to track and manage logs.
 - Containerized applications using Azure Container Service to improve scalability and flexibility.
 - Implemented round-robin load balancing and blue-green deployment strategies using NGINX to improve uptime and streamline updates.
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GetCashCloud

Website: app.getcashcloud.com

Technologies: AWS, Sprinto, Slack, Jira, Gitbook, NGINX, Cloudflare, SonarCloud, Grafana, Loki,

Promtail, Prometheus, Redis, HanaDB, MySQL

Description:

- Set up the AWS infrastructure from scratch, deploying both staging and production environments on EC2 with a custom VPC and reverse proxy configuration.
 - Managed DNS through Cloudflare and used RDS for MySQL as the database solution.
 - Deployed Grafana with Loki and Prometheus to handle logging, ensuring real-time monitoring and insights into system health.
 - Achieved 100% security compliance through Sprinto, ensuring adherence to best practices across the platform.
 - Optimized the environment for scalability and performance while maintaining a high level of security and compliance.
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Snoonu

Website: snoonu.com

Technologies: AWS, GCP, Bamboo, SecureFrame, Snoonu Access Portal, SocRadar, GitLab, Jira, ELK Stack, Grafana, RabbitMQ, Redis, HanaDB

Description:

- Ensured PCI DSS compliance and improved CIS and AWS Foundation security scores, improving security posture across the platform.
- Managed vulnerabilities and implemented security measures using AWS Inspector and GuardDuty, regularly reviewing and adjusting configurations to mitigate risks.
- Configured WAF rules and monitored unauthorized access to ensure secure interactions with the platform.
- Created IAM policies to enforce restricted access to sensitive resources and managed GitHub SSO for secure authentication.
- Integrated monitoring tools like Grafana and the ELK stack for centralized logging and observability.

SAP - Security and Deployments

Technologies: AWS, Ariba, GCP, Moogsoft, OPS Monitoring, Site24x7, Dynatrace, BIGIP-5, Safeguard, Datadog, Grafana, Jenkins, Ansible, Confluence, Jira, Terraform, Frontdoors, Cobalt, Rundeck

Description:

- As a member of the Site Reliability Engineering (SRE) team, I was responsible for maintaining site reliability, resolving Moogsoft alerts, and handling on-call situations.
 - Transitioned monitoring from Dynatrace to Datadog, improving system observability and reducing alert fatigue.
 - Used Site24x7 and Ops for proactive monitoring of system health and access controls.
 - Automated tasks using Rundeck to streamline workflows and improve efficiency in handling recurring issues.
 - Managed Jira tickets, handled production access requests, and ensured smooth communication across teams using Confluence.
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SAP - Site Reliability

Technologies: Moogsoft, Tanium, Pulp, OPS Monitoring, BIGIP-5, Safeguard, Ansible, Terraform, Kubernetes Nodes, Frontdoors

Description:

- Managed production REH servers, performing regular updates, package installations using Pulp, and applying patches through Tanium.
- Responded to Moogsoft alerts, ensuring timely resolution of issues affecting production environments.
- Assisted with on-call support and documentation through Confluence.

- Implemented Terraform and Ansible for infrastructure automation, reducing manual intervention and ensuring consistency across environments.
 - Managed Kubernetes nodes and improved server health and security through routine maintenance and updates.
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Velux

Technologies: AWS, Laravel Vapors, SQL Workbench, Terraform, Cloudflare, NGINX

Description:

- Managed the AWS infrastructure, resolving vulnerabilities identified by AWS Inspector, and implementing security measures to protect sensitive data.
 - Handled deployments using Bitbucket CI/CD pipelines, troubleshooting failures and ensuring continuous delivery of new features.
 - Deployed and configured Laravel Vapors for serverless functions (Lambdas) and ensured the efficient operation of new servers and databases.
 - Used Terraform for managing infrastructure as code, ensuring consistency and scalability across different environments.
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Localised

Website: localised.com

Technologies: AWS, Drata, Avast, Jira, Deel, Confluence, LastPass, Cybercoach

Description:

- Managed AWS infrastructure, ensuring security compliance and addressing vulnerabilities found through AWS Inspector.

- Integrated and maintained security tools like Drata, LastPass, and Avast, ensuring the platform remained secure and in compliance with best practices.
 - Troubleshoot EC2, Elastic Beanstalk, and other AWS services to maintain uptime and performance.
 - Monitored unauthorized access and ensured that devices connected to the platform adhered to compliance standards using Avast.
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Appboxo

Website: appboxo.com

Technologies: AWS, GCP, GitHub, Notion, Terraform, Kubernetes, ZenAdmin, Linear, Grafana, Loki

Description:

- Managed infrastructure across AWS and GCP, utilizing both manual processes and Terraform for infrastructure as code (IaC).
- Created and managed Kubernetes clusters using Terraform, ensuring smooth and scalable application deployment.
- Updated Jenkins pipelines for regional users, ensuring continuous integration and delivery.
- Utilized Grafana and Loki for monitoring the health of services, resolving alerts, and ensuring application performance.
- Deployed new services and Kubernetes clusters, optimizing the infrastructure for efficiency and scalability.



LET'S WORK TOGETHER TO FAST-TRACK YOUR IT EVOLUTION
AND CREATE IMPACTFUL SOLUTIONS THAT MATTER.

