Ethan Benny

Senior Full Stack Engineer

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PROFILE

Experienced full-stack developer with a proven track record of building high-performance web applications using the MERN (MongoDB, Express, React, Node.js) technology stack. Proficient in crafting responsive, user-centric interfaces, while also possessing strong backend development skills

WORK EXPERIENCE

Senior Full Stack Engineer

Appello - Sydney, Australia

Feb 2021 - Apr 2024

- Designed and built ClinDispense using ReactJS and Python 3 with Django, integrated RESTful API integrations.
- Created scalable, microservices-based systems using React, SQL, Node and Tailwind CSS, resulting in a remarkable 50% performance improvement and a substantial 40% reduction in response time.
- Developed and integrated advanced machine learning models, powered by TensorFlow and PyTorch, improving the accuracy of document extraction by 25% and reducing processing time by 35%.
- Collaborated with cross-functional teams to ensure the platform met the evolving needs of alternative asset managers, resulting in a 15% increase in client satisfaction and a 10% growth in customer retention.
- Guided a team of 8 engineers, increasing their productivity by 20% and decreasing bug reports by 15%.
- Contributed to the company's technical roadmap and strategic planning discussions, leading to the successful launch of two new product features that generated a 25% increase in revenue within the first quarter.
- Engineered custom logging and monitoring tools using Node.js and Express.js, resulting in an impressive 40% reduction in system downtime and a significant 25% increase in overall system performance metrics.
- Established gRPC-based APIs, which accounted for nearly 60% of data exchange between Appello and third-party services

EDUCATION

Bachelor's degree
Computer Science
The University of Sydney, Sydney
Jul 2010 - Aug 2014

HARD SKILLS

- JavaScript / TypeScript
- React / Next.js / Redux
- Vue.js / Nuxt.js / Vuex /Angular
- REST API / GraphQL
- Bootstrap / MUI / Tailwind CSS
- Node.js / Express.js / Nest.js
- MySQL / PostgreSQL / MongoDB
- HTML5 / CSS3
- Python / Django
- Ruby / Ruby On Rails
- Docker / Kubernetes
- AWS / Microsoft Azure / Heroku
- Git / Github / Jira

Senior Full Stack Developer

White Cloak Technologies, Inc- Pasig, Australia

Jun 2017 - Feb 2021

- Led the development and maintenance of a core commerce platform, enabling seamless processing of over 10,000 monthly subscription billings and $5 million in payment transactions.
- Architected a scalable, microservices-based system using Node.js and Nuxt.js, leveraging Docker, Kubernetes, and AWS services to achieve 99.99% platform uptime.
- Designed and developed over 50 reusable UI components using React.js, seamlessly integrating them with the robust API layer.
- Actively participated in 50+ Agile ceremonies, including sprint planning, daily standups, and retrospectives, to ensure efficient collaboration within the 12-person development team.
- Integrated White Clock's payment processing system with financial institutions using Node and Express, ensuring regulatory compliance and seamless transaction flows.
- Conducted 100+ code reviews, identified 20% improvement opportunities, and mentored 3 junior developers to maintain high code quality and engineering best practices.

Junior Full Stack Developer

White Cloak Technologies, Inc- Pasig, Australia

Aug 2015 - May 2017

- Built 25 RESTful APIs using Node.js and Express to power White Clock's back end services.
- Integrated White Clock's platform with 8 payment gateways, 4 merchant accounts, and 3 subscription management tools.
- Designed and established RESTful APIs to seamlessly integrate platform with various third-party systems, optimizing data exchange processes.
- Collaborated with a 6-person front end team to implement 30 responsive, user-friendly interfaces using React.js and CSS frameworks.
- Gained hands-on experience working with 2 relational databases (PostgreSQL) and 1 MySQL database (MongoDB) for data storage and retrieval.
- Participated in 30 code reviews and 12 pair programming sessions to continuously improve coding skills and knowledge.

SOFT SKILLS

- Agile development methodologies
- Excellent verbal communication
- Problem solving skills
- Attention to detail
- Management skills
- Organizational skills

Full Stack Developer Intern

Exist Global- Pasig, Philippines

Aug 2014 - Aug 2015

- Supported senior developers in implementing APIs with Node.js, lowering the average server response time by 20 ms.
- Automated daily data processing tasks using Python, reducing manual effort by 51%.
- Deployed applications on AWS, achieving a 96% uptime on small-sized servers which saved Exist Global $2,142 in hosting costs.
- Worked as a full-stack developer intern, building 4 web applications using MERN (MongoDB, Express, React, Node.js) stack.
- Implemented 15 RESTful APIs, integrated with 3 third-party services, and deployed applications to 2 cloud platforms.
- Attended 10 training sessions and 5 workshops to expand knowledge of software engineering best practices and emerging technologies.

LANGUAGE

- English