Shelly Cheng

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STEM with 3 year OPT/ Willing to relocate

Summary

Full Stack Engineer who excels at problem-solving, task management, communication and developing innovative applications. Through designing, management, and marketing, I have direct experience with the full product lifecycle which helps me communicate with cross-functional teams.
• Proficient in MERN stack - MongoDB, Express.js, React.js, Node.js. and be able to build full-stack applications from planning, engineering to production.
• Experienced in designing and working with both SQL and NoSQL databases.

Skills

• **Backend**: Express.js, MongoDB, PostgreSQL/MySQL, Django, JWT
• **Frontend**: Advanced HTML/CSS, Vanilla JavaScript, ReactJS, SEO, highly-RWD
• **Languages**: JavaScript, Nodejs, Python, Java, PHP
• **DevOps**: NPM, Heroku, Linux shell script, Kubernetes, AWS, Docker(Container-based deployment)
• **Creativity software**: Sketch 3, Adobe Photoshop, Adobe Illustrator, Adobe XD (Experience Design)

Projects

StartKicker MERN – **GitHub | Demo (**solo capstone project)

A platform where users can browse different projects and back the project as well as create a project to seek support.
• Kickstart-clone in MERN stack with integration of AWS SES and Stripe payment API. Deployed on Heroku and GitHub pages.
• Parsed and formalized time data with Moment.js for use in data storage in MongoDB and assure organized data objects to send for frontend rendering.
• Configured Cloudflare DNS to enable customized domain and HTTPS encryption support for both backend server endpoint and frontend pages.
• Kept the network secure and protected private resources by managing authorization with server-side verification and JWT(JSON Web Token).
• Collected user payment and secured payment information by implementing Stripe payments API which request client secret from Stripe server and process the payment.

CatBook Django– **GitHub** (group concept project)

An internet community where user can share their love of cats, read about other cats and follow other cat lovers.
• Worked collaboratively on a team of 3 to build a python web app using Django while integrating with PostgreSQL to persistently store user profiles, user relationships, and posts data within 4 days.
• Built frontend from scratch by leveraging Django template language and to mimic the Facebook news feed/user profile page interface and implemented form feature with Django built-in form validation.
• Implemented user profile image uploading by integrating AWS S3 and utilizing environment variables to safely manage secrets/keys.

GeoFetch – **GitHub | Demo** (group concept project)

A todo app with geolocation for assigning locations to todo lists.
• A group project built with MongoDB, Express.js and Node.js and integrated Google places API. Deployed on Heroku.
• Implemented the autocomplete place input field with Google Places Autocomplete, and rendered a to-do list on the map with Google Map API.
• Enabled social login by implementing Google OAuth standard to allow users to signup the app in ease.
• Managed group tasks on the Trello board and set up milestones and checkpoints for efficient task management and delivery.

Work Experience

Project Manager   Philadelphia, PA
InstaHub (IoT lighting automation solution Start-up)   May 2019 – December 2019
• Led a team of 10 people to develop the company website by cross-functional communication between back-end developer, front-end developer and UI /UX designer which decreased the bounce rate by 10%, increased visitors by 200% and page views by 400%.
• Led a team of 15 people on copywriting for the company blog to raise brand awareness as well as generate inbound leads.
• Introduced HubSpot to the team and utilized it for business development and outbound lead tracking which improved the customer journey and successfully pulled off 3 pilot projects in 1 month which included one with the University of Pennsylvania.

• Conducted competitor analysis, social media analysis, and ideal customer persona to sharpen brand positioning and marketing strategy.
• Executed on website design, social media strategy, business development strategy and sales pipeline which provided overall strategy and direction for the company and for sales and marketing team to follow.
• Implemented project management tool Asana for our team, which helped hit our milestones with a high-quality bar.

Education

General Assembly	San Francisco, CA
Software Engineer Immersive	March 2020
University of Illinois at Urbana-Champaign	Champaign, IL
Master of Science in Technology Management	August 2019
National Chengchi University	Taipei, Taiwan
Bachelor of Science in Management Information Systems	June 2018
University of Washington	Seattle, WA
Exchange Student in Foster School of Business	Spring 2018

Additional Information

Interest and skills: Jogger, dancer, experienced table tennis player, event planning, blogger, baker