

Bunlong Heng

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TECHNICAL SUMMARY

- **Front End Language:** HTML, CSS, JS
- **Front End Framework/Library:** Vue.js, React
- **Back End Language:** PHP, Javascript (Node.js)
- **Back End Framework:** Laravel, Express.js
- **Scripting:** JS, PHP, Python, Bash
- **Database:** MySQL, PostgreSQL, MongoDB, RDS
- **Package Management:** NPM, Yarn, Composer
- **Build Tool:** Grunt, Gulp, Webpack, Vite
- **Automation Test:** Selenium IDE, Cypress
- **Local Environment:** Docker, Vagrant, Virtual Box
- **Design:** Photoshop, Sketch, Figma, Keynote
- **Project Hosting:** Bitbucket, GitHub, GitLab
- **Project Organization:** Jira, Confluence, Notion
- **Text Editor:** Sublime Text, Atom, VSCode, Vim
- **SFTP Client:** Transmit, Filezilla, WinSCP
- **SSH Client:** iTerm2, MobaXterm, Coda
- **Debugging:** Chrome Dev Tool, Wireshark
- **Authentication:** OpenID, SAML, JWT, OAuth2
- **API integration:** Facebook, Google, Salesforce
- **Caching:** Nginx, Redis, Cloudflare
- **Logging:** Console, File, Database, ELK, Datadog
- **Server Management:** Linux (*Ubuntu, Kali*)
- **Web Server:** Nginx, Apache
- **Cloud Hosting:** Heroku, Linode, AWS
- **IOT:** Alexa, SmartThings, IFTTT, WebHook

EXPERIENCES

Software Solution Architect / Thryv / Dallas, TX

(01/23-present)

- Constructs logical architectures and documents systems and process flows to achieve business objectives.
- Assists in integrating the authentication process of Thryv web/mobile applications with Auth0.
- Leads Tealium/Pendo/Heap projects for the command center, business center, marketing center, and Thryv Pay.
- Reviews, tests, and signs off on Tealium/Pendo/Heap installation scripts, including documentation.
- Leads Tealium stand-up meetings for any updates or blockers.
- Leads technical meetings with engineers from other companies such as Auth0, Zendesk, Tealium, Heap, and Pendo.
- Regularly supports any login issues for Thryv business owners and Thryv employees via Zendesk.
- Creates documents with diagrams, code snippets, images, and steps for the Tier 2 support team to follow.
- Works with Tray.io workflow to create a RESTful service between web applications, Auth0, Pendo, Heap, and Snowflake.
- Leads the integration of SAML 2.0 with custom SAML assertions from Auth0 to Zendesk for the Thryv Support Center.
- Leads the process to migrate authentication for all Marketplace (Thryv Apps) to Auth0.
- Architects and develops the Advanced Campaign Editor (ACE) react application for the Marketing Center Team.
- Writes Python scripts to parse Excel files and folders, apply logic, and generate the output folder as a zip file.
- Builds the back-end API for ACE to perform CRUD operations on templates, including Amazon S3 integration.
- Documents all processes in phases in Notion, including diagrams, code snippets, images, PDFs, GIFs, and demo videos.
- Develops the react app for ACE that communicates with the API and the bee.io API for all email templating designs.
- Writes end-to-end tests to log in, perform CRUD operations on an object, and log out using Cypress.io.
- Writes unit tests for all the ACE APIs using Node.js, Express.js, and Karma.
- Involves in the process of patching Cloud Application Security Assessment (CASA) work for the Command Center.

Senior Web Developer / Monitaur.ai / Danbury, MA

(07/22-12/22)

- Contribute to the design, architecture, and development of Monitaur core web applications
- Make architectural front-end changes and own implement them using Vue.js (v2 & v3)
- Write tests and contribute to ongoing automation infrastructure development
- Patch Security Vulnerabilities based on the Pentest report
- Integrate Datadog logging with Django & Vue.js applications

Senior Full Stack Web Developer / Benu Networks, Inc. / Billerica, MA

(10/15-06/22)

- Work explicitly with MVC Frameworks: Laravel 8.
- Planning and implementing web projects to meet the needs of the organization
- Develop complex applications using the appropriate approach and technology
- Build Admin, MHN portal, and release to Telus in Canada
- Build Microservices using Node.js and integrate with Fortinet Security for Telenet, Belgium
- Build Admin, MBN, SMB, and CarWash portals for Telenet, Belgium
- Build Admin, NetOS, BOSS, and Operation portal for Comcast, US, Telecentre S.A. in Argentina
- Build an iOS app that manages home network and profiles for Liberty Global in the UK
- Integrate OpenID Connect with the user portal for MBN and SAML 2.0 with the admin portal for MBN, SMB, and MHN
- Led the Facebook Wi-Fi project and worked closely with the Facebook Wi-Fi team to get Benu Networks Certified
- Contribute to re-design and developing Benu networks enterprise portal using React

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science / University of Massachusetts of Lowell / Lowell, MA

(2014)

CompTIA PenTest+ Certification - Issued: May 2020

Certified Ethical Hacker (CEH) Certification - Issued: March 2020