

Tony Melek

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SUMMARY

Full-stack web developer with a telecommunications engineering background and data analysis experience. Innovative problem solver; always trying to identify any gaps or areas of defect and working on finding an appropriate solution for better work experience. Self-motivated learner with solid technical knowledge side by side with excellent communication skills, team-working, knowledge sharing and mentoring. Distinctive technical skills, collaborative attitude and endless passion make me a point of strength for any team.

TECHNICAL SKILLS

Frontend: HTML5, CSS, SCSS, JavaScript, jQuery, React JS, Redux, Bootstrap, AJAX, Webpack, WordPress.

Backend: MySQL, MongoDB, GraphQL, NodeJS, ExpressJS, Handlebars, Firebase, AWS, Web Socket

Tools: Git, Jira

Others: Data Analysis, problem solving, Adobe Photoshop.

EDUCATION

- Full Stack Development Certificate, Monash University (HTML,JS, CSS,NodeJS, MySQL,Mongodb,ReactJS)
- Udacity Nano degree (Professional Web development, Data Analyst)
- Bachelor's degree in Electronics and Communication Engineering – Member of Engineers Australia

PROJECTS

CommunityFete | Repo : <https://bit.ly/3oEhrpa> | Deployed: <https://bit.ly/3cD1zkg>

- Create a touchless experience and seamless purchase process to shoppers, merchants and organizers that adheres to COVID-19 restrictions
- The application comes with 3 access levels admin, merchant and user and each has different privileges and access to pages and API endpoints, customers will be able to track their order and pay online or top-up their balance at the admin.
- Tools/Languages: HTML, CSS, React JS, AJAX, Node/Express JS, Socket.io, JWT, Bcrypt MySQL, Bootstrap, Photoshop(Splash screen design)

BandEar | Repo : <https://bit.ly/2TcfXW1> | Deployed: <https://bit.ly/3dO5j0Y>

- Find artists information and their upcoming events.
- Search a band/artist, display their meta data, top-hits, link Spotify page, upcoming events and show them on map along with nearest accommodation places and their ratings. My responsibility was to connect to Spotify API and display the artists' data, cleaning and fixing issues with Javascript/CSS and contributing in the design.

- Tools/Languages: HTML, CSS, JavaScript, jQuery, MaterializeCss, Photoshop (Logo-Design)

Ez-Portal | Repo : <https://bit.ly/3nLwhdp> | Deployed: <https://ez-portal.herokuapp.com/>

- Ez Portal is a HR web application with 3 access levels (Employee, Manager and IT Admin), the app is designed in a way to be scalable and can embrace many other features like timesheets, payrolls and more access levels.
- Access MySQL database to add, delete and update departments, roles, employees, tasks and assign tasks to others and mark the tasks as completed then approved.
- Tools/Languages: HTML, CSS, JavaScript, jQuery, Bootstrap, ExpressJS, Handlebars, MySQL, JWT.

WORK EXPERIENCE

Envision Labs

March 2020 – Current

Full Stack Developer

Melbourne, Victoria

- Enhance the data platform for users, by building a real-time insights and analytics dashboard.
- Explore and implement ways to visualise data and trends in a manner that is easy to understand.
- Build and test APIs, handling data objects and graphing / mapping them, finding and fixing bugs, documentation, unit testing.
- Technologies : NodeJS, PostgreSQL, ReactJS, Redux, Sass, BitBucket, Jira, AWS.

Achievements:

- Created Insights feature from scratch (backend, frontend) and AWS API Gateway, the Beta version was in production in 8 days.

Ventia

November 2020 – Current

Project Coordinator – NBN Unify

Melbourne, Victoria

- Record any issues (access, out of scope, health and safety, material delay...etc) the technicians had in the field and apply for extension of time or SLA exemption as required.
- Report and escalate critical problems.
- Develop and maintain Smart Dispatch Application.

Achievements:

Smart Dispatch Project

- Developed full stack application to ease the ticket dispatching process for schedulers; gets info about unassigned tickets (technology, state, region) and filters for matching contractors (competencies, area of service); showing the schedulers the number of tickets assigned to each contractor for 10 days to help for load balancing and once a contractor is selected the application can send them ticket info by email and sms. In addition to bulk sms and bulk email functionality for follow-ups.
- Technologies used : React JS, CSS, AJAX, NodeJS, gscript, MS Power Automate
- Projected enhanced workflow and reduced the time required by the scheduler to dispatch a ticket by 7 minutes on average. i.e. being able to serve more tickets coming from NBN efficiently and also raised employee satisfaction using all-in-one smart system compared to tedious past dispatching process.

Site Engineer -FTTx
Victoria

Melbourne,

- Allocate splicing works efficiently to contractors which raised the capacity of work completed by 15%.
- Estimate indicative costs for the works and manage material stock which facilitated contractors' claims in comparison to estimated budget.
- Report projects status and forecast to senior engineers.

Achievements:

Created an MS flow to automate reporting and tracking field issues and notify relevant teams, which was highly recognised by the construction manager for ease of tracking of all field issues and avoiding missing any issues from being handled and followed up.

Kordia Solutions Australia

January 2018 to March 2019

Site Assessment Coordinator

Melbourne, Australia

- Schedule, track work orders and assign them to contractors nationwide efficiently increasing the jobs completion rate by 20%.
- Estimate budget for civil works to avoid customers' bills shocks and increase satisfaction levels.
- Audit for quality all field reports which enhanced the company reputation with its clients and secured 20% more jobs.
- Assist field staff over the phone whilst doing surveys, and propose solutions

Achievements:

Documented work process and enhanced work orders tracking system which was highly recognized by the Design manager and got promoted after 2 months from surveyor to Site Assessment Coordinator.