PALLAVI MAHALINGAIAH

ASPIRING PRODUCT MANAGER

with Tech Industry experience of > 6.5 years

✉ pallavimahalingaiah18@gmail.com

☎ 9845724738

📍 Bangalore

in https://www.linkedin.com/in/pallavi-mahalingaiah/

OBJECTIVE

Looking forward to working on impactful ideas offering real life applications, business growth and improving process efficiency.

EXPERIENCE (> 6.5 years)

Currently pursuing Executive Program in **Data Driven Product Management** from **IIM Lucknow** (Feb 2021 to Present)

PRODUCT MANAGEMENT Case studies for **Virtual Classroom, Home Hospital** and **Coworking kitchen spaces.**
https://www.notion.so/Product-Management-Case-Studies-baf093f6eeb941cf93849916552ca298

CERTIFICATION #1 – PRODUCT MANAGEMENT 101
https://www.udemy.com/certificate/UC-dae909ca-c1c4-40e3-add6-b3a897bac0de/

CERTIFICATION #2 – BECOME A PRODUCT MANAGER
https://www.udemy.com/certificate/UC-728158dd-35e9-4d6e-a746-838299292d48/

COURSE – DESIGNBOAT UI/UX SCHOOL
- **User experience research**, Validation & Design flow for **"Coworking Kitchen Spaces"**.
- https://www.notion.so/Prototypes-Coworking-Kitchen-Spaces-e99f46e69a694909a5f0740bb811adc6
- UI Design for iOS, Android & Web platforms using AdobeXD.

PRINCIPAL SOFTWARE ENGINEER (2020)
Home Hospital, Biofourmis, 2020
Title: Web application for **Home Hospital program.**
- Was involved in weekly discussions with the **external client** for understanding the **requirements**.
- Was involved in planning the product **roadmap** and **features prioritization**.
- Was part of breaking down the requirements into **EPICs** and determining the **acceptance criteria**.
- **Design reviews** at regular intervals to validate the user experience and technical feasibility.
- Was involved in decisions like platform support (web, native mobile apps, hybrid apps) to best meet the customers usability.

SKILLS

Agile software delivery
Estimation
Market intelligence (beginner)
Strategy (beginner)
Web Development
Adaptability
Collaboration
Strong Work Ethic
Time Management
Leadership

EDUCATION

DATA DRIVEN PRODUCT MANAGEMENT
Execute Program from **IIM Lucknow** (Feb 2021 to Present)

BACHELOR'S DEGREE IN COMPUTER SCIENCE
Visvesvaraya Technological University, Bangalore 2005 - 2009

Sponsor Admin Web Portal, Biofourmis, 2020.

Title: Admin web portal depicting the overview of programs at Biofourmis, capturing the site involved along with the patient details about their compliance, device information, reported events, mainly used by the operations team to track the health of the programs.

- **Lead a team of two** as a frontend developer (**angular**) and successfully released the V1 of the project. (https://staging.wp.biofourmis.com/sponsoradmin).
- Was involved in **Design reviews (adobeXD)** and also worked on few **high fidelity screens** to suggest some design alternatives.
- Was responsible for the 2 week **Agile sprint releases**.
- Was responsible for **work allocation** and **estimations**.
- Drove the decision to implement a **PWA** (progressive web app) to provide mobile like experience; resulting in **smaller team** and **faster development delivery**.
- Took the lead to manage discussions between frontend, backend, QA and product team.

TECH LEAD (2019 - 2020)

UAV Greenhouse, Advance Tech, Honeywell Technology Solutions, 2019

Title : UAV enabled powerline inspection for **Ozarks Electric, Arkansas.**

- Web application (**React**) to facilitate planning, job assignment, scheduling and tracking for **UAV** pilots and other stakeholders.
- **Redux** based state management.
- **Amazon S3** for image storage.
- Interactive Map rendering through **Mapbox.**
- https://ozarks.honeywelluav.com/login

Blockchain website, Advance Tech, Honeywell Technology Solutions, 2019

Title: Web Apps for Honeywell's Blockchain based applications.

- Brochure to showcase Honeywell's Vision of Blockchain and various applications with business benefits for the company.
- **React** and **SCUF** framework for client application.
- Hosted on **Nginx** through **Docker** Container.
- Admin portal for the Blockchain network using **React** and **Redux**.

SENIOR SOFTWARE ENGINEER (2015 - 2019)

CNS CoE website, Honeywell Technology Solutions, 2018-2019

Title: Website for the Communication, Navigation and Surveillance CoE.

- No SQL DB architecture using ATLAS **Mongo DB**.
- **Node js** based server through **Express** framework.
- **React** and **SCUF** framework for client application.
- **Quill WYSIWYG** editor for Admin mode.
- Hosted the website on **Windows using IIS**.
- Used **Postman** to test server related API calls.

Radios & Datalink CNS, Honeywell Technology Solutions ,2015-2018

Title: Datalink for **Boeing 787/777x**

- Datalink is a means of communication between the aircraft and ground that consists of 'text-like' messages.
- Implemented the **Crew Interface System (CIS)** redesign to enable **AoIP** (Acars over Internet protocol) functionality through **TFTP (File Transfer)** protocol.

AWARDS

- ➢ Won Hackathon for Orthomosaic image overlaying in September 2019.
- ➢ Awarded **Bravo Star** Award for contribution to 787 BPv6 program in May 2019.
- ➢ Awarded **Bravo Silver** Award for representing Communication Navigation Surveillance (CNS) products at Honeywell Employee Day December 2018.
- ➢ Awarded **Bravo Star** Award for Proof of Concept on **Acars over ADG** in August 2018.
- ➢ Awarded **Bravo Bronze** Award for coming up with the **AMI validation** paper in September 2018.
- ➢ Awarded **Bravo Bronze** Award for **787 BPv5** for early completion and under budget.
- ➢ Awarded **Bravo Silver** Award for contribution in **KTR2280A** for design, development and certifying smallest and lightest Radio.
- ➢ Awarded **Bravo Silver** Award for Excellent code analysis to find an issue for AOIP in **Boeing 787 BPv**5 program.
- ➢ Awarded **Bravo Bronze** Award for fixing the numerous AQP/VAQ and ASIP and ACARSIP issues in HOST **for KTR2280A.**

CERTIFICATION - Angular & NodeJS - The MEAN Stack Guide

https://www.udemy.com/certificate/UC-e55e1e30-55ea-429c-8d7f-410e58ce12c8/

Radios & Datalink CNS, Honeywell Technology Solutions,2015-2018
Title: KTR2280A for **Pilatus Aircraft, Switzerland.**

- **Multi-mode digital radio** with NAV and COM functionality, for both voice and data.
- Worked on the **communication interface** called **HOST** which operates through **Arinc 429**.
- Driven **Software design and development (C and C++)** of critical features like: MMDR 3 design & VDL Mode 2 uplink redesign.

SOFTWARE ENGINEER

Electronics for Imaging, 2010-2011
Title: Aragon Controller
Developed and tested the module for the interaction between Engine (printer) and Controller (EFI specific) using C++.

Aeronautical Development Agency, 2009-2010
Title: Open Architecture Computer for Light Combat Aircraft
Worked for design, development, testing and Production of Open Architecture Computer (OAC)-Mission and Display Computer for LCA Aircraft using **C** language under **Vx Works** RTOS environment.