

# HIEU MAI (BOB)

bob@hieumai.com | +61 467658839 | [LinkedIn](#) | Sydney NSW

## EDUCATION & PROFESSIONAL TRAINING

### EDUCATION

Period	Institution, specialization	Specialty	Degree
2018	UNSW	Computer Science & Mechatronics	Good
2013	University of Technology HCM	Electrical Engineering	Good

### ACHIEVEMENT

Period	Award	Organization
2016	Outstanding Computer Science Tutor	UNSW
2017	React Developer	Udacity
2020	Natural Language Processing	Udacity
2021	Java Web Developer	Udacity
2022	AWS DevOps	Cloud Guru
2023	Head Mentor IT Training	Job Ready Master

## PRACTICAL EXPERIENCE

Technical Skills	Years of experiences	Last used
<b>Operating Systems</b> MacOS Window 11 Unix base: Ubuntu	4 years 2 years 1 years	Present 2022 Present
<b>Programming Languages and Tools</b> C++ Java Python Golang PHP Bootstrap/HTML5/CSS/Tailwind JavaScript/Typescript ReactJS/Next.JS Source Control (Git) WordPress	2 years 2 years 1 years 1 years 1 years 1 years 3 years 3 years 2 years 1 years	2022 2021 2019 Present Present Present Present Present Present 2022

Contentful/StoryBlok	2 years	Present
Adobe XD/ Figma	1 years	2018
Jira & Confluence	2 years	Present
Miro	1 years	Present
Excel/PowerPoint/Word	1 years	Present
<b>Databases</b>		
MySQL	2 years	Present
MongoDB	2 years	Present
phpMyAdmin	2 years	Present
Postgres	2 years	Present

EMPLOYMENT HISTORY		
Period	Company/Position	Location
2014 – 2016	<b>UNSW</b> Computer Science Tutor	Sydney, Australia
2017 – 2018	<b>MVP Studio</b> Full Stack Developer	Sydney, Australia
2018 – 2019	<b>S1T2</b> Full Stack Developer	Sydney, Australia
2019 - Now	<b>BENIT Pty Ltd</b> Software Engineer/Techincal Leader/Director	Sydney, Australia (remote)
2019 - 2022	<b>Workflow86</b> Java Full Stack Developer	Sydney, Australia (Hybrid)
2022 - Now	<b>Mentem By UNSW</b> Full Stack Developer/ Data Engineer	Sydney, Australia (Hybrid)
2023 - Now	<b>Edu Master Group Pty Ltd</b> Tech Leader/ Head Mentor IT Training	Sydney, Australia (Hybrid)

## PROJECT DETAILS

<b>Mentem By UNSW</b>	<b>May/2022 – May/2023</b>
-----------------------	----------------------------

<b>Company</b>	<b>BENIT Pty Ltd</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>◆ Window</li> <li>◆ MacOS</li> <li>◆ Linux</li> </ul>
<b>Activity</b>	<b>Project Description</b> The Mentem Insights Platform <ul style="list-style-type: none"> <li>• Monitor each cohort and group, and share detailed reports with the team.</li> <li>• At-a-glance highlights of learner status with actionable insights.</li> <li>• Detailed reports on learners' skill building, satisfaction and engagement.</li> </ul>

	<ul style="list-style-type: none"> <li>Track individual and group progression against cohort averages, allowing for key details to be passed onto coaches and individuals.</li> </ul> <p><b>Website:</b>  <a href="https://www.mentem.co/solutions/">https://www.mentem.co/solutions/</a></p> <p><b>Projects include:</b></p> <ul style="list-style-type: none"> <li>Learning Management System</li> <li>Insights Analytics Platform</li> <li>Datawarehouse + Data Pipeline ETL</li> <li>Learner Hub</li> <li>Headless CMS Contentful Website</li> </ul> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>ReactJS/Svelte/Gatsby/NestJS – Typescript</li> <li>AWS Amplify</li> <li>Github CI/CD</li> <li>Data warehouse PostGre SQL – AWS RDS</li> <li>DynamoDB AWS</li> <li>AWS EC2, ECS, Elastic Beanstalk, S3</li> <li>Restful API</li> <li>Serverless Lambda AWS</li> <li>Docker</li> <li>Terraform</li> <li>TDD: Jest</li> <li>Figma</li> <li>Jira + Wiki + Slack</li> <li>Apache Airflow</li> <li>Dbt Data Build Tools</li> <li>Canvas Instructure APIs</li> <li>Postman</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> <b>Mentem By UNSW</b></p> <p><b>Team size</b> 5 people</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>PTE Platform</b>	<b>Jan/23 – Now</b>
---------------------	---------------------

<b>Company</b>	<b>Edu Master Group Pty Ltd (ABN: 83 641 240 299)</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>Window</li> <li>MacOS</li> <li>Linux</li> </ul>
<b>Activity</b>	<b>Project Description</b>

	<p>PTE Master &amp; PTE Platform are online Learning system with integration to AI(NLP) for students practice English to take English Test PTE.</p> <p><b>Website:</b></p> <ul style="list-style-type: none"> <li>• <a href="https://www.masterpte.com.au/">https://www.masterpte.com.au/</a></li> <li>• <a href="https://pteplatform.com/">https://pteplatform.com/</a></li> </ul> <p><b>Projects include:</b></p> <ul style="list-style-type: none"> <li>• Learning Management System</li> <li>• Platform Practice System</li> </ul> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• Java Spring Boot</li> <li>• PHP CodeIgniter</li> <li>• Angular/NextJs/ReactJS/NestJs – Typescript</li> <li>• AWS Amplify</li> <li>• Bitbucket + Gitlab CI/CD</li> <li>• PostGre SQL – AWS RDS</li> <li>• DynamoDB AWS</li> <li>• Google Cloud Storage/S3</li> <li>• AWS EC2, ECS, Elastic Beanstalk Google NLP</li> <li>• Microservices</li> <li>• Serverless Lambda AWS</li> <li>• Kubernetes</li> <li>• Docker</li> <li>• Terraform</li> <li>• TDD: Jest + Jenkins</li> <li>• E2E Test: Cypress</li> <li>• Figma</li> <li>• Jira + Wiki + Slack</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> <b>Edu Master Group Pty Ltd (ABN: 83 641 240 299)</b></p> <p><b>Team size</b> 5 people</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Language Confidence</b>	<b>Jan/2022 – July/2022</b>
----------------------------	-----------------------------

<b>Company</b>	<b>BENIT Pty Ltd (ABN: 51 634 797 470)</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>◆ NodeJS</li> <li>◆ Linux</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> Language Confidence is an Australian company which develop powerful AI tool for learning English pronunciation. I am involved in the team to build a developer portal to manage API, analyze API usages and developer guide for integration.</p> <p><b>Projects include:</b></p>

	<ul style="list-style-type: none"> <li>• API Management</li> <li>• Developer portal</li> <li>• Automated Pronunciation Assessment AI</li> </ul> <p><b>Website:</b> <a href="https://languageconfidence.ai/">https://languageconfidence.ai/</a></p> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• NextJS, Redux</li> <li>• JIRA, Confluenc, Bitbucket</li> <li>• Serverless Vercel</li> <li>• Payment integration</li> <li>• Planetscale (MySQL Client based), Prisma</li> <li>• NodeJS</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> Private customer</p> <p><b>Team size</b> 15 people</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Grab</b>	<b>Nov/2020 – Jan/2022</b>
-------------	----------------------------

<b>Company</b>	<b>BENIT Pty Ltd (ABN: 51 634 797 470)</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>♦ Java</li> <li>♦ Linux</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> GRAB is a unicorn tech company based in Singapore. I was involved in a developer team to build an internal management tool for GRAB, based on Spotify Backstage.</p> <p><b>Projects include:</b></p> <ul style="list-style-type: none"> <li>• Automated workflow management</li> <li>• Admin management</li> <li>• Microservices</li> </ul> <p><b>Website:</b> <a href="https://www.grab.com/">https://www.grab.com/</a></p> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• ReactJS + RestAPI, Redux</li> <li>• Backstage</li> <li>• JIRA, Confluence</li> <li>• Microservice</li> <li>• AWS Serverless, ECS, EC2, S3</li> <li>• Spring boot, Postgre SQL, MongoDB</li> </ul>

	<ul style="list-style-type: none"> <li>• NodeJS</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> Private customer</p> <p><b>Team size</b> 15 people</p>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Workflow86</b>	<b>Nov/2019 – Mar/2022</b>
-------------------	----------------------------

<b>Company</b>	<b>BENIT Pty Ltd (ABN: 51 634 797 470)</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>♦ Java</li> <li>♦ Linux</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> Workflow86 is an all-in-one no-code workflow automation platform (SaaS). It's a no-code platform. It likes Zapier but with more features.</p> <p><b>Projects include:</b></p> <ul style="list-style-type: none"> <li>• User management</li> <li>• Workflow builder</li> <li>• Admin management</li> <li>• Payment Service</li> <li>• 3<sup>rd</sup> party API link (Marketplace)</li> <li>• Form Builder</li> <li>.....</li> </ul> <p><b>Website:</b> <a href="https://www.workflow86.com/">https://www.workflow86.com/</a></p> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• ReactJS + RestAPI, Redux</li> <li>• MobX</li> <li>• JIRA, Confluence</li> <li>• Microservice</li> <li>• AWS Serverless, ECS, EC2, S3</li> <li>• Spring boot, Postgre SQL, MongoDB</li> <li>• NodeJS</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> Private customer</p> <p><b>Team size</b> 8 people</p>

<b>Company</b>	<b>BENIT Pty Ltd (ABN: 51 634 797 470)</b>
<b>Role</b>	Software Engineer
<b>Environment</b>	<ul style="list-style-type: none"> <li>◆ Window</li> <li>◆ Linux</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> Compare 100s of home loans and save <b>Website:</b> <a href="https://compensave.com.au/">https://compensave.com.au/</a></p> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• HTML/ CSS/Javascript/Typescript</li> <li>• ReacJS + RestAPI</li> <li>• Gatsby + Cloud GCP</li> <li>• Postgres</li> <li>• Jira + Wiki + Slack</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> Private customer</p> <p><b>Team size</b> 5 people</p>

<b>Company</b>	<b>BENIT Pty Ltd</b>
<b>Role</b>	<b>Software Engineer</b>
<b>Environment</b>	<ul style="list-style-type: none"> <li>◆ Linux</li> <li>◆ MacOS</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> PTE Magic is an online Learning system with integration to AI (NLP).  From the project starts until May/2021, it already reached 16,000+ users with average 600-1000 users online per day.</p> <p>• LMS &amp; Platform Practice System <b>Website:</b></p> <ul style="list-style-type: none"> <li>• <a href="https://ptemagicpractice.com/">https://ptemagicpractice.com/</a></li> </ul> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• Java Spring Boot</li> <li>• ReactJs + RestAPI</li> <li>• NextJs</li> <li>• PostGre SQL – AWS RDS</li> <li>• NGINX</li> </ul>

	<ul style="list-style-type: none"> <li>• AWS EC2, Google NLP</li> <li>• Google Cloud Storage</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> <b>CCL MAGIC Pty Ltd (ABN: 35 632 952 580)</b></p> <p><b>Team size</b> 5 people</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>CCL Magic</b>	<b>Jan/2019 – Dec/2022</b>
------------------	----------------------------

<b>Company</b>	<b>BENIT Pty Ltd</b>
<b>Role</b>	<b>Software Engineer</b>
<b>Environment</b>	<ul style="list-style-type: none"> <li>♦ Linux</li> <li>♦ MacOS</li> </ul>
<b>Activity</b>	<p><b>Project Description</b> Practice LMS Platform and Mock Test Platform for English Test NATTI</p> <p><b>Website:</b></p> <ul style="list-style-type: none"> <li>• <a href="https://cclmagic.com.au/">https://cclmagic.com.au/</a></li> <li>• <a href="https://platform.cclmagic.com.au/">https://platform.cclmagic.com.au/</a></li> </ul> <p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• HTML/ CSS/JavaScript/ TypeScript</li> <li>• ReacJS/NextJS/NestJS</li> <li>• ExpressJS</li> <li>• Vercel Serverless</li> <li>• Java SpringBoot</li> <li>• Docker</li> <li>• Terraform</li> <li>• S3 AWS</li> <li>• MongoDB + Postgres</li> </ul> <p><b>Scope</b> Full life cycle</p> <p><b>Customer</b> <b>CCL MAGIC Pty Ltd (ABN: 35 632 952 580)</b></p> <p><b>Team size</b> 5 people</p>

<b>Queensland Remembers</b>	<b>Aug/2018 – May/2019</b>
-----------------------------	----------------------------

<b>Company</b>	<b>S1T2 Australia</b>
----------------	-----------------------



<b>Role</b>	Full Stack Developer
<b>Environment</b>	♦ Linux
<b>Activity</b>	<b>Project Description</b> <p>Each of the 1,300 poppies that populate the Queensland Remembers website represents a personal story about Remembrance Day. The actual design of these poppies aligns closely with the offline Queensland Remembers campaign, which saw thousands of Queenslanders create their own real world poppies and transform them into a huge public art installation. By fostering a close visual relationship between the real and the digital poppies, we were able to amplify the impact of this campaign, bringing it to life online for countless more Australians to experience.</p> <b>Technology</b> <ul style="list-style-type: none"> <li>• Docker</li> <li>• WebGL</li> <li>• Laravel, Planck.js</li> <li>• Three.js</li> <li>• WordPress</li> </ul> <b>Customer:</b> Queensland State Government <b>Team size</b> 10 people

## 1300 Home Loans

Aug/2018 – May/2019

<b>Company</b>	S1T2 Australia
<b>Role</b>	Full Stack Developer
<b>Environment</b>	♦ Linux
<b>Activity</b>	<b>Project Description</b> <p>Looking to extend their online lead generation capabilities, 1300 Home Loan tasked digital agency S1T2 with designing and developing their new website. Given the focus on the technical deployment of search-engine-optimisation on a content-based website, the project involved balancing visual aesthetics with search engine requirements and a robust systems architecture to create an optimised, yet accessible website design and user experience.</p> <b>Technology</b> <ul style="list-style-type: none"> <li>• MySQL</li> <li>• Salesforce API, Loankit API</li> <li>• ReactJs + RestAPI</li> <li>• AWS</li> <li>• Java Spring boot</li> </ul>

	<p><b>Customer:</b> 1300 Home Loan</p> <p><b>Team size</b> 5 people</p>
--	-----------------------------------------------------------------------------