

# Mohammed Ehab

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## EDUCATION

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- **Bachelor of Engineering** - R.V. College of Engineering, Bengaluru, India, Dept. of Information Science and Engineering - CGPA 8.60

*(June 2015)*

## SKILLS

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- **Programming Languages:** HTML, CSS(LESS, BEM standards), Javascript, SQL, Solidity, Java, C
- **Technologies/Frameworks:** React, Redux, SAPUI5, Node.js, Mongoose, Mocha, QUnit.js, OPA, jQuery, Git, Postman, Gerrit, Web3.js, Apache Olingo,
- **Administrative:** JIRA, Scrum

## EXPERIENCE

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- **Developer-Associate, SAP Labs India Pvt. Ltd., Bengaluru, India**

*(August 2015-February 2019)*

- **Topic Owner** for Analytical Cards, Overview Pages floorplan in the SAPUI5 Javascript library, the sole frontend framework for business applications in SAP. Implemented key features and mentored colleagues implementing this floorplan.
- **UI Single Point of Contact** for SAP Financial Services- Frontend Development Lead and Mentor within the Operational Banking team to build Javascript-based web apps using the SAPUI5 library.
- **SAP Frontend Trainer**- conducted SAP Labs level trainings on HTML, XML, Javascript and an SAP front end library, SAPUI5, for building business web applications.
- Integrated various backend data layers with SAP Hybris, with the help of REST-based services and Java Olingo APIs, for Omnichannel Banking applications.

## PROJECTS

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- **Arsenal FC Calendar:** Built a webapp using the MERN stack to view upcoming matches for the football club Arsenal FC, and deployed to Heroku.
- **Curator Smart Contract:** Authored a **smart contract**, using Solidity, for the Ethereum blockchain for music genre curation app by Ocean Protocol, an ecosystem for sharing data and associated services. This is an open source contribution.

- **DevConnector:** Developed a **full-stack application** to connect developers via a social network. Built using the MERN Stack – MongoDB, Express, React(and Redux) and Node.js.
- **Client Panel Application:** Implemented a web application to manage a list of clients of an organisation. Built using React.js, Redux and Google Firebase.
- **Decentralized Voting App:** Utilized the capabilities of the Ethereum blockchain, to create a Voting application. Implemented with the help of Javascript, web3.js and Solidity, which harnesses smart contracts on the Ethereum platform.
- **Tech Conference Dashboard:** Achieved integration between Google Firestore and built a React/Redux based UI for administration and viewing of technical conferences. This is an open source contribution.
- **Darkness Chrome Extension:** Fixed a bug in a widely used Google Chrome extension that provides dark themes for daily used websites like Google, Github, Reddit etc. This is an open source contribution.
- **Check Your Intake:** Built a **Proof-of-Concept** that would consume the SAP Blockchain-as-a-Service enabled backend, to be able to trace the origins of a particular consumable food item, from the packet to the production site of its raw ingredients.
- **Financial Services Accelerator–Account Details:** Integrated large bank account information like account details and transactions, vis-a-vis authentication, from REST-based OData services, to build a Java based backend. Implemented with the help of Java Olingo APIs.
- **Financial Services Accelerator–Account Overview:** Built a Spring MVC based UI, as part of SAP Hybris Commerce based implementation, to display an overview of all current, savings and loan accounts for a customer. Implemented using HTML, CSS (LESS adhering to BEM standards), Javascript.
- **Manage Current Account Closure App:** A **Fiori** web-based application, that initiates the process for closing a current account. Worked on implementing the ODATA APIs for the app and implementation of the UI, in line with Fiori/UI5 guidelines. The app followed standards Fiori Design Gate procedures to adhere to Fiori Guidelines.
- **Notice of Withdrawal App:** A **Fiori** web-based application that allows back-office employees of a bank to process withdrawal notices on a bank savings account, during a specified time period. The app made use of REST-based ODATA services for backend connectivity.
- **Process Work Item App:** A **Fiori** web-based application that allowed the back-office employees of a bank to view and handle exceptions related to payment items, prenotes etc. Worked on enhancements to the application, by providing search capabilities.

## AWARDS AND ACHIEVEMENTS

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- **Finalist at SAP InnVent 2018:** Implemented a Proof-of-Concept for verifying authenticity and edibility of packaged food items.  
(2018)
- **SAPUI5/Javascript Trainer:** Completed the Fiori Curriculum training, offered by SAP Development University to become an SAPUI5/Javascript trainer for employees within SAP Labs India.  
(2017)
- **Rising Star Award:** Was recognized as the best fresher, to join the Financial Services team in SAP in the first year.  
(2016)
- **National Champion:** UCMAS National Championship for Mental Arithmetic, held in Dubai, United Arab Emirates, that was contested by well over three thousand participants.  
(2007)

## SOCIAL SERVICES

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- **Event Coordinator** at the annual Blood Donation Camp in which a **South Asian record** of collecting 1441 units of blood, was created as part of Rotaract Club of RVCE.  
(2014)
- **Coordinator** at Paper Drive, conducted twice in the academic year 2013-2014, which involved traveling to different parts of Bangalore, collecting paper and donating the proceedings to Angel's Orphanage, Bangalore.  
(2013-2014)

## POSITIONS OF RESPONSIBILITY

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- **Sergeant-at-Arms**, Rotaract Club of RV College of Engineering  
(2014-2015)
  - Re-voted into the Rotaract Club's Board of Directors for a second consecutive year.
- **Student Placement Coordinator**, Department of Information Science Engineering, RV College of Engineering  
(2013-2015)
  - Department representative for placement related activities in the department.
- **Team Leader**, Outgoing Exchanges and Expansions, AIESEC Bangalore  
(2013)
  - Facilitated the process of obtaining international internships for students in Bangalore.

## HOBBIES

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- Photography enthusiast.
- Enjoy playing table tennis, tennis and swimming.
- Keeping myself up-to-date with the latest in the world of current affairs, technology and sports.

## PERSONAL PROFILE

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Date of Birth	4th October 1993
Nationality	Indian
Languages Known	English, Hindi, French, Arabic(read, write, elementary speaking skills) and Kannada