

Ai Chatbot Development Course



SysBorg

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| <u>Course Title:</u> | SysBorg Certified Ai Chatbot Developer |
| <u>Course Duration:</u> | 30 weeks (180 credit hours) |
| <u>Course Instructor:</u> | Muhammad Inzamam Malik |
| <u>Starting From:</u> | Dec 1st 2021 (Tuesday, Thursday, Saturday 8pm to 10pm on Zoom) |
| <u>Admission form link:</u> | https://docs.google.com/.../1FAIpQLSf7CC745HJ.../viewform... |
| <u>WhatsApp group:</u> | https://chat.whatsapp.com/JXz2JQjDppq41sKpdd6uwQ |
| feel free to ask if you have any questions | |
| <u>Monthly Fees:</u> | Rs.1000 (you can pay via Easypaisa on 03022004480, please don't forget to share payment screenshot on WhatsApp group) |
| <u>Prerequisites:</u> | No Prerequisites , stay calm sb kch start sy parhaya jae ga |

Course Overview:

In this course you will learn how to make state of the art Ai Chatbots, Google Assistant apps, Alexa apps, you will learn latest technology Google Dialogflow v2, this course also includes Graded Quiz and Assignment

Certificate:

After successful completion of the course, students will be awarded with a World Standard Digitally Signed Certificates (that can be verified anytime on our portal through QR code printed on certificate).

Scope:

Chatbot projects are highly in demand in international market, after successful completion of this course one can apply for Chatbot Developer position in software house or work as freelancer on fiverr and upwork (how to do freelancing is not covered in this course)

Course Outline:

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| JavaScript programming fundamental (ES6) | 4 weeks |
| • Variables | (Boolean, Number, String, Array, Objects) |
| • Math Operators | (+ - * / % -- ++) |
| • Conditional Statements | (If else, ternary operator) |
| • Conditional operators | (=== !== < > <= >=) |
| • Logical operators | (&& !) |
| • Loop Statements | (For loop, map) |
| • ES6 functions | |
| • Graded Quiz | |

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| <p>Writing JavaScript Servers with and Express.js/Node.js</p> <ul style="list-style-type: none"> • Introduction to Servers • Express.js middleware • Express.js GET, POST, PUT, DELETE • Express.js Static file server • Introduction to MongoDB Database • MongoDB Schema and model • MongoDB CRUD Operation • Graded Quiz | 4 weeks |
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| <p>Dialogflow V2</p> <ul style="list-style-type: none"> • Intent • Entity • Fulfilment • Context | 4 weeks |
| <p>3 Real life chatbots with Dialogflow v2 for hands-on practice</p> <ul style="list-style-type: none"> • Hotel booking Assistant • Online Store Assistant • Weather Assistant | 3 weeks |
| <p>Integrations</p> <ul style="list-style-type: none"> • Website / Web apps • Facebook messenger • Telegram • Phone Call (Smart IVR) • Text Message (through Twilio) • Website (through embedded code) | 3 weeks |
| <p>React app Integration</p> <ul style="list-style-type: none"> • Introduction to react • Chatbot popup using react-chat-widget in existing react.js web app (react.js is not fully covered in this course) | 4 weeks |
| <p>Google Assistant Apps (with Dialogflow)</p> <ul style="list-style-type: none"> • Invocation • Intents • Parameters • Webhook • Publish on Actions-on-google store | 3 weeks |

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| Alexa Apps | 3 weeks |
| <ul style="list-style-type: none">• Invocation• Intent• Utterance• Slot filling• Endpoint• Publish on Alexa skill store | |
| Graded Assignment (Hackathon) | 12 Hours |