

 **pinecone**
<academy/>

**Engineering
our way to
a better <life/>**

CERTIFICATE OF COMPLETION


Жаргалсайхан овогтой Хангай

*Pinecone Academy-ийн HOP хөтөлбөрт суралцаж,
Software Engineer мэргэжлээр төгссөнийг батлан сертификат олгов.*

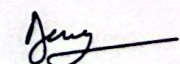
3/6/2026



Subjects	Academic hour	Subjects	Academic hour	Subjects	Academic hour	Subjects	Academic hour
HTML5 <ul style="list-style-type: none"> HTML5 fundamentals Basic tags Headings Lists & Tables Building Forms Inputs & Values Container Element Attributes & Classes 	20	GIT version control <ul style="list-style-type: none"> Git Commands Branches & Merge Github and Remote Repository Create & Utilize to Repository Pull Request 	14	Basics <ul style="list-style-type: none"> Computer and History OS Instructions Digital Numbers MACOS Terminal Commands 	8	SQL Database <ul style="list-style-type: none"> PostgreSQL Database Design Common Types Queries Functions Relationships Entity Relationship Diagrams Joins 	42
CSS3 <ul style="list-style-type: none"> CSS Selectors & Declarations Inline, Block & Positioning Div Layout & Formatting Styling Texts & Fonts Properties and Backgrounds Transitions Breakpoints, Units & Media queries Mobile-First Responsive Web Design Flex system Grid System Animations BEM method 	42	React JS & Next.JS <ul style="list-style-type: none"> React JS & Next JS framework Functional Components, Props, Children, Synthetic Event State, Lifecycle Methods Layout and Nested Layouts Routes and Nested Routes Dynamic and Parallel Routes React Hooks SSR, CSR Next API Routes Next-Auth 	80	NodeJS <ul style="list-style-type: none"> Node Package Managers Common & Node Modules File-Handling HTTP Server 	14	NoSQL Database <ul style="list-style-type: none"> MongoDB Mongoose Dependencies in Mongoose Mongoose Communication with MongoDB Mongoose Methods Data Validation with Mongoose Create relationships between Mongo Objects 	42
Javascript & DOM <ul style="list-style-type: none"> Variables & Data Types Conditional & Arithmetic Operators Loops & Nested Loops Functions & Parameters & Debugging ES6 Import/Export and Modules Arrow Functions Array & Object Methods Promise Async / await DOM & BOM Event Handling 	80	CSS Frameworks <ul style="list-style-type: none"> Tailwind CSS Daisy UI Radix UI Shadcn UI 	28	MVC Architecture <ul style="list-style-type: none"> Models Routing Controllers 	12	Authentication & Authorization <ul style="list-style-type: none"> Cookies Password Hashing JWT Token & Methods Role Based Access Control 	12
		Typescript <ul style="list-style-type: none"> Typescript Primitive Types Interfaces Types Unions Type Casting / type converting / Function & Parameter and Return Types 	24	Deployment <ul style="list-style-type: none"> Vercel Nginx DNS management 	10	Team Collaboration <ul style="list-style-type: none"> Team working Github process Project management 	70



 Shagan, Chief Executive Officer



 Bilguundul Bayarsaikhan, Chief Learning Officer